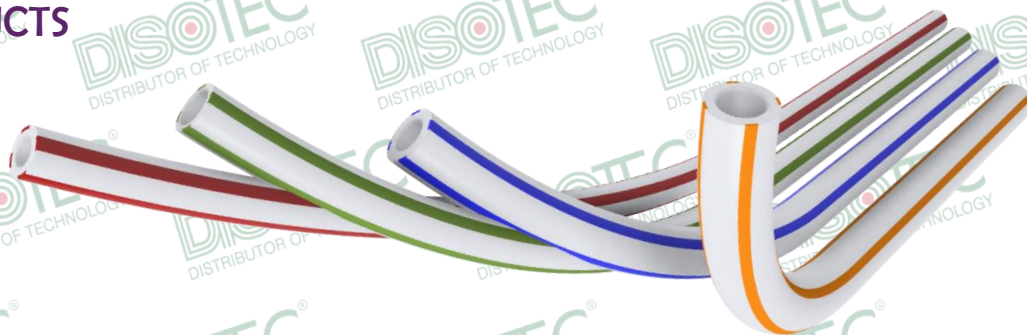


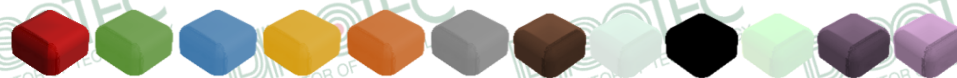
Miniducts cable MINIDUCTS



DISOTEC microducts, available in a wide range of dimensions, are intended for protection of optical microcables. Inner surface is made from a special silicon compound added to HDPE in order to achieve extremely low friction coefficient.

• Colour

DISOTEC customized microducts are produced in natural translucent version for an immediate check of the presence of the microcables inside the tube. Microducts are produced full color or with 4 longitudinal stripes orange color, in option other colours can be chosen.



• Marking

Each individual duct inkjet printed with standard marking. Outer sheath of bundles is inkjet printed in black color on entire length. Printing is repeated after each 1 m.

• Packing

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends. Weather resistant label on each reel.

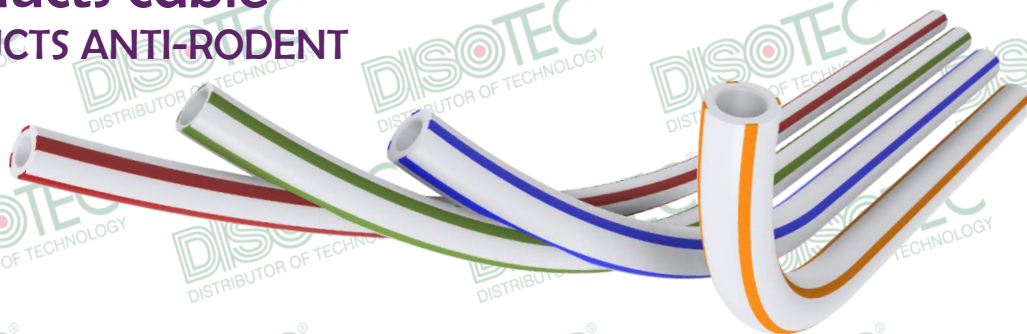
DESCRIPTION	INSTALLATION (DIRECT BURIED / DIRECT INSTALL)	MAX LENGTH ON REEL [mm]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]	Blow ball Test 100% Passed [mm]
7/4	DB/DI	3000 mm	HDPE	7±0,1	4,0 mm	1,5 mm	25 kg/km	70 mm	350 N	Ø 3,2 mm
8/6	DI	4000 mm	HDPE	8±0,1	6,0 mm	1,0 mm	21 kg/km	80 mm	250 N	Ø 4,8 mm
10/6	DB/DI	2500 mm	HDPE	10± 0,1	6,0 mm	2,0 mm	48 kg/km	100 mm	680 N	Ø 4,8 mm
10/8	DI	2500 mm	HDPE	10± 0,1	8,0 mm	1,0 mm	27 kg/km	100 mm	420 N	Ø 6,4 mm
12/8	DB/DI	2000 mm	HDPE	12± 0,1	8,0 mm	2,0 mm	60 kg/km	120 mm	1190 N	Ø 6,4 mm
12/10	DI	2000 mm	HDPE	12± 0,1	10,0 mm	1,0 mm	34 kg/km	120 mm	500 N	Ø 8,0 mm
14/10	DB/DI	1500 mm	HDPE	14± 0,1	10,0 mm	2,0 mm	72 kg/km	140 mm	1000 N	Ø 8,0 mm
14/12	DI	1500 mm	HDPE	14± 0,1	12,0 mm	1,0 mm	38 kg/km	140 mm	850 N	Ø 9,6 mm
16/10	DB/DI	1200 mm	HDPE	16± 0,1	10,0 mm	3,0 mm	116 kg/km	160 mm	1500 N	Ø 8,0 mm
16/12	DB/DI	1200 mm	HDPE	16± 0,1	12,0 mm	2,0 mm	84 kg/km	160 mm	1300 N	Ø 9,6 mm
20/16	DB/DI	1000 mm	HDPE	20± 0,1	16,0 mm	2,0 mm	107 kg/km	200 mm	1300 N	Ø 12,8 mm

Info Request information for product availability.



Miniducts cable

MINIDUCTS ANTI-RODENT



DISOTEC microducts, available in a wide range of dimensions, are intended for protection of optical microcables. Inner surface is made from a special silicon compound added to HDPE in order to achieve extremely low friction coefficient.

• Colour

DISOTEC customized microducts are produced in natural translucent version for an immediate check of the presence of the microcables inside the tube. Microducts are produced with 4 longitudinal stripes orange color, in option other colours can be chosen.



• Marking

Each individual duct inkjet printed with standard marking.
Outer sheath of bundles is inkjet printed in black color on entire length.
Printing is repeated after each 1 m.

• Packing

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.
Weather resistant label on each reel.

• Treatment

The anti-rodent versions are obtained by adding a special "RODREPEL" masterbatch to high density polyethylene (HDPE). The RODREPEL additive is a non-toxic and non-hazardous component for the environment, developed specifically for polymers in particular for polyethylene. The dispersion of the RODREPEL additive over the entire thickness of the pipe, guarantees unaltered effectiveness for the entire life of the hose. An extremely low toxicity, non-carcinogenic, non-mutagenic, low hazard, animal aversive and anti-rodent compound are characteristics of this masterbatch.

DESCRIPTION MINIDUCTS	INSTALLATION	LENGTH ON REEL [m]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL Outer diameter [mm]	NOMINAL Min Inner diameter [mm]	NOMINAL THICKNESS [mm]	WEIGHT [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [kN]	Blow ball Test 100% Passed [mm]
7/4	DIRECT INSTALL	3000 m	HDPE	7±0.1	3.9 mm	1.5 mm	25 kg/km	70 mm	0.35 kN	Ø 3.5 mm
8/6	DIRECT INSTALL	4000 m	HDPE	8±0.1	6.0 mm	1.0 mm	21 kg/km	80 mm	0.25 kN	Ø 5.0 mm
12/8	DIRECT BURIED/DIRECT INSTALL	1400 m	HDPE	12± 0.1	7.9 mm	2.0 mm	60 kg/km	120 mm	1.19 kN	Ø 5.0 mm
12/10	DIRECT INSTALL	2000 m	HDPE	12± 0.1	9.9 mm	1.0 mm	34 kg/km	120 mm	0.50 kN	Ø 8.0 mm
10/6	DIRECT BURIED/DIRECT INSTALL	2500 m	HDPE	10± 0.1	6.0 mm	2.0 mm	48 kg/km	100 mm	0.68 kN	Ø 5.0 mm
10/8	DIRECT INSTALL	2500 m	HDPE	10± 0.1	7.9 mm	1.0 mm	27 kg/km	100 mm	0.42 kN	Ø 5.0 mm
14/10	DIRECT BURIED/DIRECT INSTALL	1500 m	HDPE	14± 0.1	9.9 mm	2.0 mm	72 kg/km	140 mm	1.00 kN	Ø 8.0 mm
14/12	DIRECT INSTALL	1500 m	HDPE	14± 0.1	11.9 mm	1.0 mm	70 kg/km	140 mm	0.85 kN	Ø 8.0 mm
16/10	DIRECT BURIED/DIRECT INSTALL	1200 m	HDPE	16± 0.1	9.9 mm	3.0 mm	116 kg/km	160 mm	1.50 kN	Ø 8.0 mm
16/12	DIRECT BURIED/DIRECT INSTALL	1200 m	HDPE	16± 0.1	11.9 mm	2.0 mm	84 kg/km	160 mm	1.30 kN	Ø 8.0 mm
20/16	DIRECT BURIED/DIRECT INSTALL	1000 m	HDPE	20± 0.1	15.9 mm	2.0 mm	107 kg/km	200 mm	1.00 kN	Ø 12.0 mm

Info Request information for product availability.

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Miniducts cable

MINIDUCTS WITH MECHANICAL ANTI-RODENT PROTECTION



DISOTEC microducts, available in a wide range of dimensions, are intended for protection of optical microcables.

Inner surface is made from a special silicon compound added to HDPE in order to achieve extremely low friction coefficient. This particular version is made by mechanical protection. The miniduct is covered with glass reinforcement and a second extruded polyethylene sheath, thus creating a high-level anti-rodent protection suitable for heavy installation conditions.

- Colour**

DISOTEC customized internal microducts are produced in natural translucent version for an immediate check of the presence of the microcables inside the tube. Microducts are produced with 4 longitudinal stripes red color, in option other colours can be chosen. The outer sheath is black color.



- Marking**

Each individual duct inkjet printed with standard marking. Outer sheath of bundles is inkjet printed in white color on entire length. Printing is repeated after each 1 m.

- Packing**

All reels protected with black anti-UV wrapping sheet, duct sealed both ends. Weather resistant label on each reel.

DESCRIPTION	INSTALLATION	LENGHT ON REEL [m]
12/10 VM	DIRECT BURIED/DIRECT INSTALL	1000 m

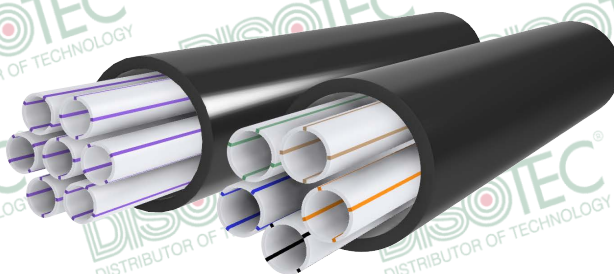
OUTER SHEATH MATERIAL UV RESISTANT	SHEATH			Microducts		WEIGHT [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [kN]	Blow ball Test 100% Passed [mm]	Reinforcement of Outer Sheath [dTex]
	NOMINAL Outer diameter [mm]	NOMINAL THICKNESS diameter [mm]	NOMINAL Outer diameter [mm]	NOMINAL Min Inner diameter [mm]	NOMINAL THICKNESS [mm]					
PE	16,0 mm	1,5 mm	12± 0,1	9,9 mm	1,0 mm	125 kg/km	640 mm	1,80 kN	Ø 8,0 mm	≥70000

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Multi tube cable BUNDLE NO-DIG

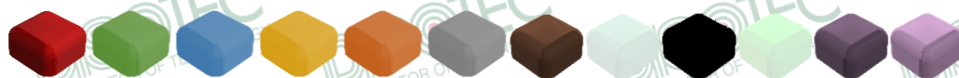


DISOTEC Bundle NO-DIG is contained in a black HDPE tube. Available in a wide range of internal minitubes. The minitubes contained in the bundle are translucent white with colored longitudinal stripes. Bundle NO-DIG is mainly used for installation with guided horizontal drilling (TRENCHLESS), or suitable for Direct Buried installation.

• Colour

DISOTEC Bundle NO-DIG are produced with black outer sheath color.

Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



• Marking

Each individual duct inkjet printed with standard marking.

Outer sheath of bundles is inkjet printed in yellow color on entire length.

Printing is repeated after each 1 m.

• Packing

All coils protected with black anti-UV stretch film wrapping, duct sealed both ends.

Weather resistant label on each reel.

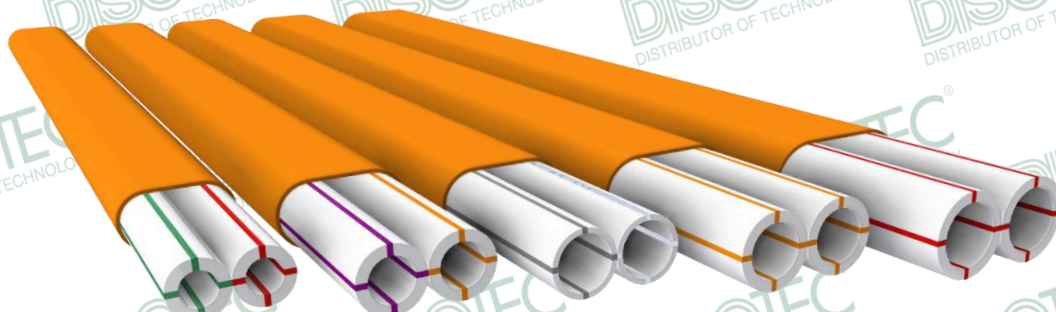
DESCRIPTION BUNDLE NO-DIG	INSTALLATION	LENGHT ON COILS [m]	OUTER SHEATH MATERIAL. UV RESISTANT	NOMINAL Outer diameter [mm]	NOMINAL Min Inner diameter [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]
5x12/10	TRENCHLESS/DIRECTBURIED	500 m	HDPE	50,0 mm	43,0 mm	3,5 mm	675 kg/km	500 mm
5x14/12	TRENCHLESS/DIRECTBURIED	500 m	HDPE	50,0 mm	43,0 mm	3,5 mm	690 kg/km	500 mm
7X12/10	TRENCHLESS/DIRECTBURIED	500 m	HDPE	50,0 mm	43,0 mm	3,5 mm	745 kg/km	500 mm
7X12/10 High Thk	TRENCHLESS/DIRECTBURIED	500 m	HDPE	50,0 mm	39,0 mm	5,5 mm	933 kg/km	500 mm

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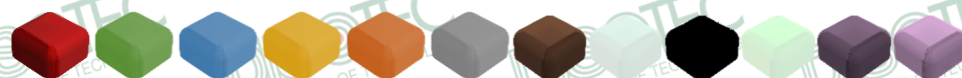
Multi tube cable BUNDLE TIGHT DBT/DI 2x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

• Colour

DISOTEC microducts bundles are produced with orange outer sheath color. Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



• Marking

Each individual duct inkjet printed with standard marking. Outer sheath of bundles is inkjet printed in black color on entire length. Printing is repeated after each 1 m.

• Packing

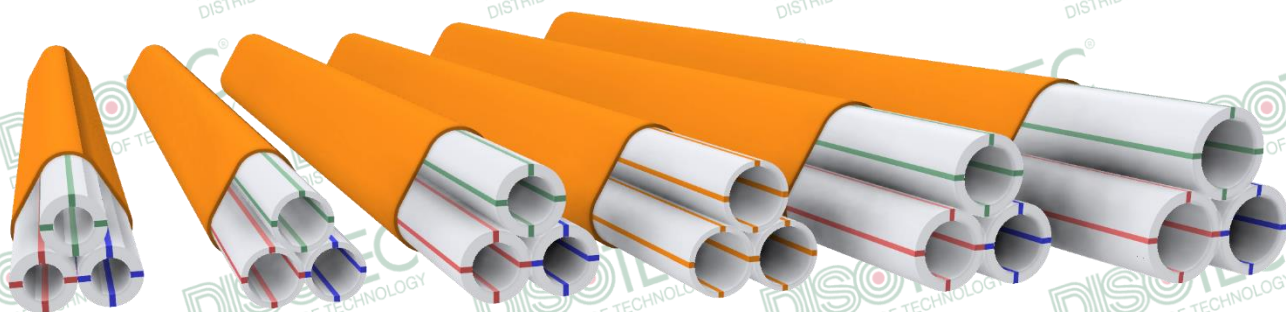
All reels protected with black anti-UV stretch film wrapping, duct sealed both ends. Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGTH ON REEL [mm]	OUTER SHEATH MATERIAL. UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
2x7/3.5	DB/DI	5000 mm	HDPE	15,4 mm	8,4 mm	0,7 mm	84 kg/km	85 mm	780 N
2x7/4	DB/DI	5000 mm	HDPE	15,4 mm	8,4 mm	0,7 mm	75 kg/km	85 mm	700 N
2x10/6	DB/DI	4000 mm	HDPE	21,4 mm	11,4 mm	0,7 mm	130 kg/km	114 mm	1320 N
2x10/8	DI	4000 mm	HDPE	21,4 mm	11,4 mm	0,7 mm	84 kg/km	115 mm	760 N
2x12/8	DB/DI	4000 mm	HDPE	25,4 mm	13,4 mm	0,7 mm	165 kg/km	134 mm	1680 N
2x12/10	DI	3000 mm	HDPE	25,4 mm	13,4 mm	0,7 mm	110 kg/km	134 mm	930 N
2x14/10	DB/DI	3000 mm	HDPE	29,4 mm	15,4 mm	0,7 mm	188 kg/km	155 mm	2040 N
2x16/12	DB/DI	2000 mm	HDPE	33,4 mm	17,4 mm	0,7 mm	220 kg/km	174 mm	2620 N
2x20/16	DB/DI	1000 mm	HDPE	41,4 mm	21,4 mm	0,7 mm	250 kg/km	214 mm	2620 N

Info Request information for product availability.



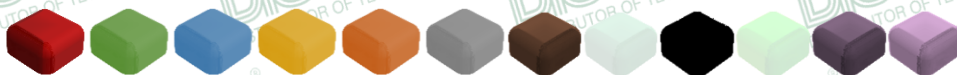
Multi tube cable BUNDLE TIGHT DBT/DI 3x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

- **Colour**

DISOTEC microducts bundles are produced with orange outer sheath color. Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



- **Marking**

Each individual duct inkjet printed with standard marking.
Outer sheath of bundles is inkjet printed in black color on entire length.
Printing is repeated after each 1 m.

- **Packing**

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.
Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGHT ON REEL [mm]	OUTER SHEATH MATERIAL. UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
3x10/6	DB/DI	3000 mm	HDPE	23,0 mm	20,0 mm	0,7 mm	182 kg/km	200 mm	2000 N
3x10/8	DI	3000 mm	HDPE	23,0 mm	20,0 mm	0,7 mm	115 kg/km	215 mm	1100 N
3x12/8	DB/DI	4000 mm	HDPE	27,3 mm	23,8 mm	0,7 mm	230 kg/km	238 mm	2570 N
3x12/10	DI	3000 mm	HDPE	27,3 mm	23,8 mm	0,7 mm	150 kg/km	238 mm	2000 N
3x14/10	DB/DI	3000 mm	HDPE	31,6 mm	27,5 mm	0,7 mm	267 kg/km	275 mm	3060 N
3x16/12	DB/DI	2000 mm	HDPE	35,9 mm	31,3 mm	0,7 mm	316 kg/km	313 mm	3930 N
3x20/16	DB/DI	1000 mm	HDPE	44,5 mm	38,8 mm	0,7 mm	405 kg/km	388 mm	3950 N

Info Request information for product availability.

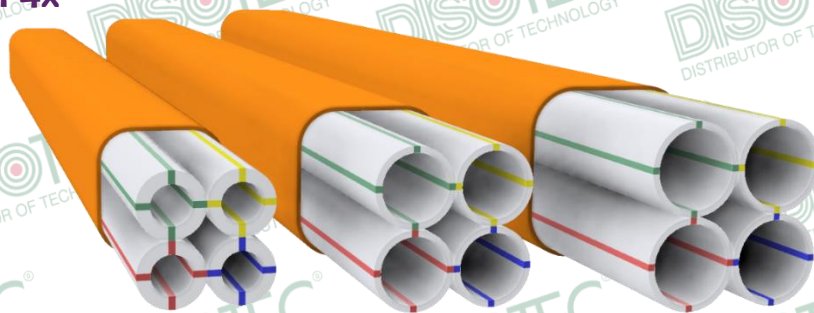


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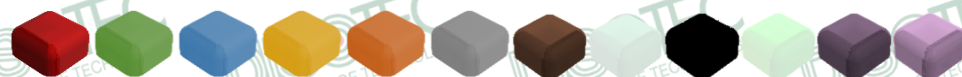
Multi tube cable BUNDLE TIGHT DBT/DI 4x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

• Colour

DISOTEC microducts bundles are produced with orange outer sheath color. Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



• Marking

Each individual duct inkjet printed with standard marking. Outer sheath of bundles is inkjet printed in black color on entire length. Printing is repeated after each 1 m.

• Packing

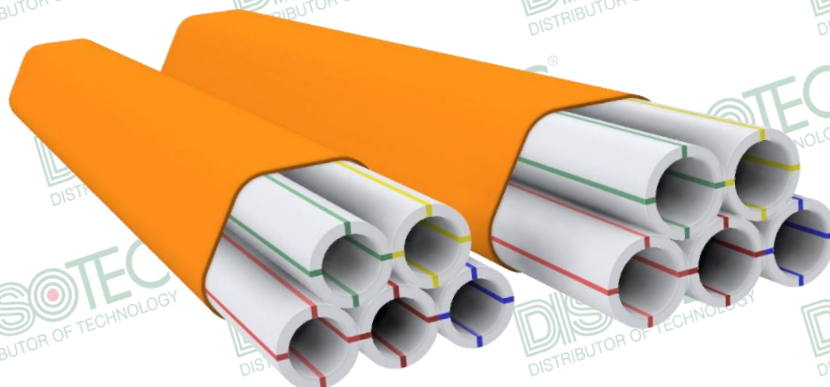
All reels protected with black anti-UV stretch film wrapping, duct sealed both ends. Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGTH ON REEL [mm]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
4x7/4	DB/DI	3000 mm	HDPE	15,4 mm	18,4 mm	0,7 mm	133 kg/km	184 mm	1400 N
4x8/6	DI	3000 mm	HDPE	17,4 mm	20,8 mm	0,7 mm	126 kg/km	175 mm	1200 N
4x10/6	DB/DI	3000 mm	HDPE	21,4 mm	25,5 mm	0,7 mm	242 kg/km	245 mm	3000 N
4x10/8	DI	3000 mm	HDPE	21,4 mm	25,6 mm	0,7 mm	160 kg/km	215 mm	1520 N
4x12/8	DB/DI	4000 mm	HDPE	25,4 mm	30,0 mm	0,7 mm	305 kg/km	255 mm	3360 N
4x12/10	DI	3000 mm	HDPE	25,4 mm	30,0 mm	0,7 mm	317 kg/km	255 mm	3000 N
4x14/10	DB/DI	2000 mm	HDPE	29,4 mm	35,2 mm	0,7 mm	370 kg/km	295 mm	4040 N
4x14/12	DI	2000 mm	HDPE	29,4 mm	35,2 mm	0,7 mm	235 kg/km	295 mm	3950 N
4x16/12	DB/DI	2000 mm	HDPE	33,4 mm	40,0 mm	0,7 mm	423 kg/km	335 mm	4600 N
4x20/16	DB/DI	1000 mm	HDPE	41,4 mm	50,0 mm	0,7 mm	525 kg/km	415 mm	4600 N

Info Request information for product availability.



Multi tube cable BUNDLE TIGHT DBT/DI 5x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

• Colour

DISOTEC microducts bundles are produced with orange outer sheath color.
Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



• Marking

Each individual duct inkjet printed with standard marking.
Outer sheath of bundles is inkjet printed in black color on entire length.
Printing is repeated after each 1 m.

• Packing

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.
Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGTH ON REEL [m]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
5x12/8	DB/DI	3000	HDPE	37,4 mm	23,8 mm	0,7 mm	363 kg/km	375,0 mm	4000 N
5x14/10	DB/DI	1500	HDPE	43,4 mm	27,5 mm	0,7 mm	433 kg/km	440,0 mm	5000 N
5x16/12	DB/DI	1000	HDPE	49,4 mm	31,3 mm	0,7 mm	503 kg/km	500,0 mm	5800 N

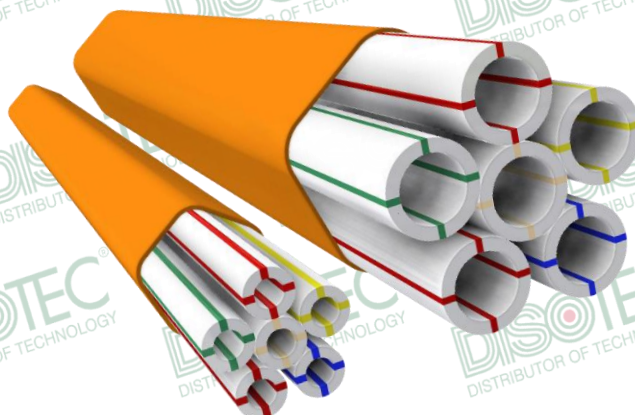
Info Request information for product availability.

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Multi tube cable BUNDLE TIGHT DBT/DI 6x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

• Colour

DISOTEC microducts bundles are produced with orange outer sheath color.
Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



• Marking

Each individual duct inkjet printed with standard marking.
Outer sheath of bundles is inkjet printed in black color on entire length.
Printing is repeated after each 1 m.

• Packing

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.
Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGHT ON REEL [mm]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
6x7/4	DI	2500	HDPE	21,7 mm	21,2 mm	0,7 mm	174 kg/km	220,0 mm	1100 N

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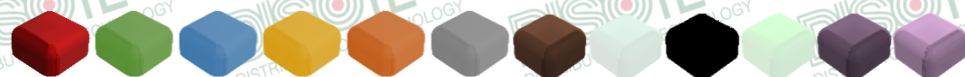
Multi tube cable BUNDLE TIGHT DBT/DI 7x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

- Colour**

DISOTEC microducts bundles are produced with orange outer sheath color. Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



- Marking**

Each individual duct inkjet printed with standard marking. Outer sheath of bundles is inkjet printed in black color on entire length. Printing is repeated after each 1 m.

- Packing**

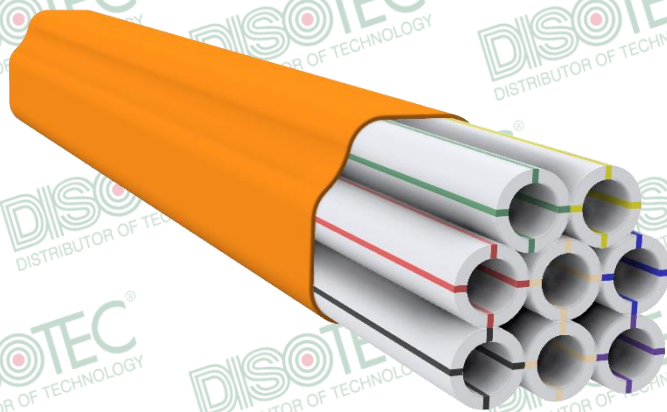
All reels protected with black anti-UV stretch film wrapping, duct sealed both ends. Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGTH ON REEL [mm]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
7x7/4	DB/DI	3000	HDPE	20,5 mm	22,4 mm	0,7 mm	208 kg/km	225,0 mm	2450 N
7x8/6	DI	3000	HDPE	23,3 mm	25,4 mm	0,7 mm	200 kg/km	255,0 mm	2100 N
7x10/6	DB/DI	2500	HDPE	28,7 mm	31,4 mm	0,7 mm	424 kg/km	315,0 mm	4760 N
7x10/8	DI	2500	HDPE	28,7 mm	31,4 mm	0,7 mm	280 kg/km	315,0 mm	2660 N
7x12/8	DB/DI	2000	HDPE	35,8 mm	37,4 mm	0,7 mm	495 kg/km	374,0 mm	5880 N
7x12/10	DI	2000	HDPE	35,8 mm	37,4 mm	0,7 mm	345 kg/km	374,0 mm	4500 N
7x14/10	DB/DI	1500	HDPE	43,4 mm	41,5 mm	0,7 mm	599 kg/km	415,0 mm	7910 N
7x14/12	DI	1500	HDPE	43,4 mm	41,5 mm	0,7 mm	371 kg/km	415,0 mm	6400 N
7x16/12	DB/DI	1000	HDPE	49,4 mm	45,1 mm	0,7 mm	710 kg/km	452,0 mm	9170 N

Info Request information for product availability.



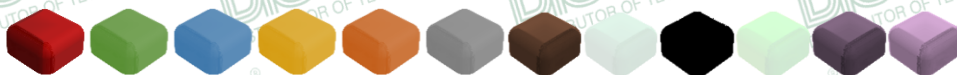
Multi tube cable BUNDLE TIGHT DBT/DI 8x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

- Colour**

DISOTEC microducts bundles are produced with orange outer sheath color. Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



- Marking**

Each individual duct inkjet printed with standard marking.
Outer sheath of bundles is inkjet printed in black color on entire length.
Printing is repeated after each 1 m.

- Packing**

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.
Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGHT ON REEL [mm]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
8x12/8	DB/DI	1500	HDPE	37,4 mm	35,8 mm	0,7 mm	565 kg/km	560,0 mm	2700 N

Info Request information for product availability.

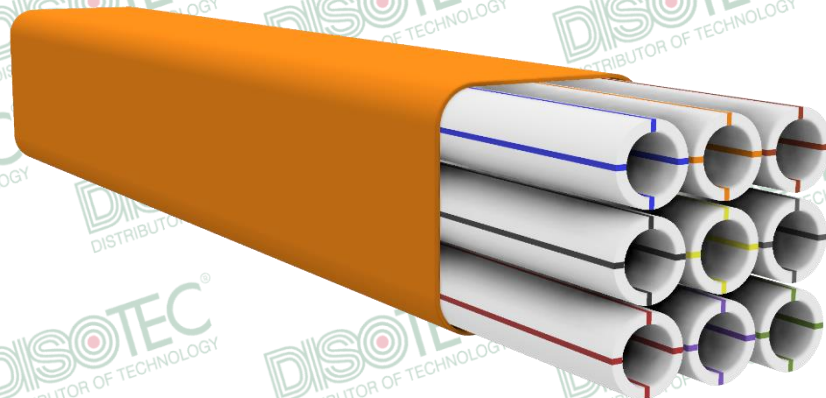


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Multi tube cable BUNDLE TIGHT DBT/DI 9x

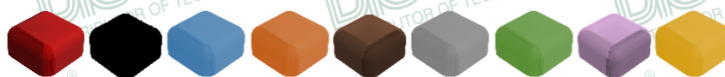


DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

- Colour**

DISOTEC microducts bundles are produced with orange outer sheath color. Inner microducts are translucent with four narrow colored stripes.

Color tube sequence:



- Marking**

Each individual duct inkjet printed with standard marking.
Outer sheath of bundles is inkjet printed in black color on entire length.
Printing is repeated after each 1 m.

- Packing**

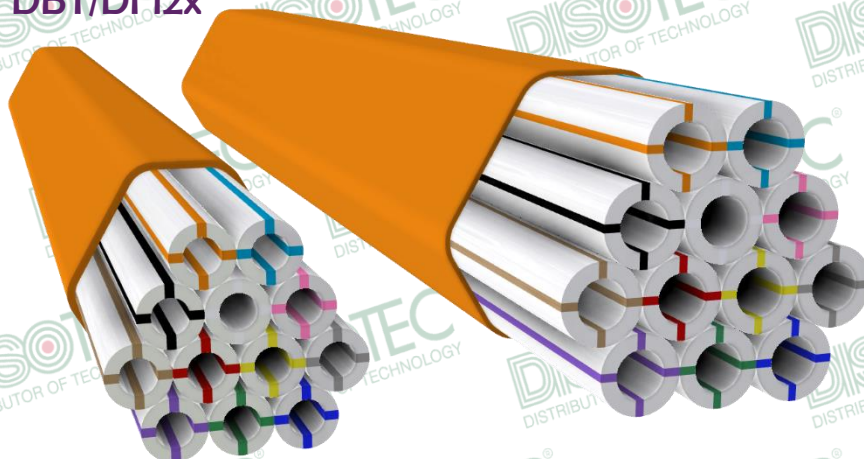
All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.
Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGTH ON REEL [mm]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
9x14/10	DB/DI	500	HDPE	58,7 mm	46,0 mm	0,7 mm	755 kg/km	660,0 mm	7910 N

Info Request information for product availability.



Multi tube cable BUNDLE TIGHT DBT/DI 12x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

• Colour

DISOTEC microducts bundles are produced with orange outer sheath color.
Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



• Marking

Each individual duct inkjet printed with standard marking.
Outer sheath of bundles is inkjet printed in black color on entire length.
Printing is repeated after each 1 m.

• Packing

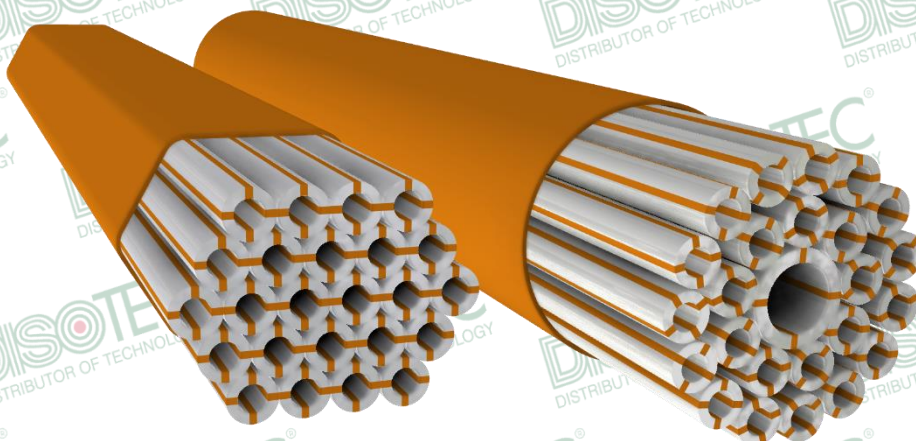
All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.
Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGHT ON REEL [mm]	OUTER SHEATH MATERIAL UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
12x7/4	DB/DI	3000	HDPE	30,0 mm	27,2 mm	0,7 mm	355 kg/km	295,0 mm	4200 N
12x8/6	DI	2000	HDPE	33,4 mm	30,2 mm	0,7 mm	314 kg/km	335,0 mm	3600 N
12x10/6	DB/DI	1500	HDPE	41,4 mm	37,4 mm	0,7 mm	655 kg/km	374,0 mm	8000 N
12x10/8	DI	1500	HDPE	41,4 mm	37,4 mm	0,7 mm	414 kg/km	415,0 mm	4560 N
12x12/8	DB/DI	1300	HDPE	49,4 mm	44,6 mm	0,7 mm	810 kg/km	495,0 mm	10080 N

Info Request information for product availability.



Multi tube cable BUNDLE TIGHT DBT/DI 24x



DISOTEC multi microduct bundles, available in a wide range of dimensions and number of inner ducts, are intended for protection of optical microcables. Outer sheath, made of UV resistant HDPE, is extruded tightly around microducts but isn't attached to them and is easily strippable.

• Colour

DISOTEC microducts bundles are produced with orange outer sheath color.
Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



• Marking

Each individual duct inkjet printed with standard marking.
Outer sheath of bundles is inkjet printed in black color on entire length.
Printing is repeated after each 1 m.

• Packing

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends.
Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGHT ON REEL [mm]	OUTER SHEATH MATERIAL. UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
24x7/4	DB/DI	1500	HDPE	43,3 mm	32,7 mm	0,7 mm	676 kg/km	327,0 mm	9120 N
24x7/4+1x14/10	DB/DI	1500	HDPE	44,0 mm	-	0,7 mm	750 kg/km	434,0 mm	10250 N

Info Request information for product availability.

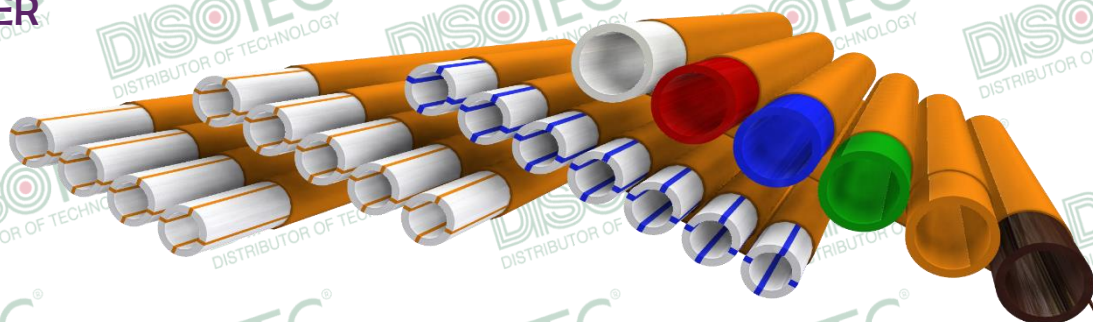


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Multi tube cable FENDER



Flat configuration of multiple miniducts "fender" suitable for the realization of multiple cable-duct for telecommunications. The special geometry allows it to be placed vertically in microtrenches with an asphalt cut less than 3 cm wide. Also suitable for under-pipe installation thanks to the flexibility of the outer sheath that makes possible a circular arrangement of the ducts. Easy separation of individual ducts from the outer sheath for tapping and branching. The exclusive internal coating of the mini-ducts with very low friction coefficient minimizes the use of relaunches in the laying of long cable sections.

• Colour

DISOTEC multiple microducts "fender" are produced standard orange or blue outer sheath color. Inner microducts are translucent with four narrow colored stripes or full color. Following the color at choice



• Marking

Each individual duct inkjet printed with standard marking. Outer sheath of bundles is inkjet printed in black color on entire length. Printing is repeated after each 1 m.

• Packing

All reels protected with black anti-UV stretch film wrapping, duct sealed both ends. Weather resistant label on each reel.

DESCRIPTION	INSTALLATION (DIRECTBURIED / DIRECTINSTALL)	MAX LENGTH ON REEL [mm]	OUTER SHEATH MATERIAL. UV RESISTANT	NOMINAL WIDTH [mm]	NOMINAL HEIGHT [mm]	NOMINAL THICKNESS [mm]	WEIGHT APPROX [kg/km]	BEND RADIUS Min [mm]	INSTALLATION Max PULLING FORCE [N]
3x20/16	DB	1000 m	HDPE	65,4 mm	21,5 mm	0,7 mm	475 kg/km	215 mm	6000 N
4x14/10	DB	2000 m	HDPE	65,0 mm	14,5 mm	0,7 mm	324 kg/km	150 mm	4000 N
5x14/10	DB	2000 m	HDPE	82,0 mm	14,5 mm	0,7 mm	390 kg/km	150 mm	5000 N
7x14/10	DB	1500 m	HDPE	115,0 mm	14,5 mm	0,7 mm	555 kg/km	150 mm	7000 N
6x20/16	DB	1000 m	HDPE	133,5 mm	21,5 mm	0,7 mm	906 kg/km	215 mm	12000 N
6x20/16+TW 0,5 (1)	DB	1000 m	HDPE	133,5 mm	21,5 mm	0,7 mm	912 kg/km	215 mm	12000 N

Optional

- (1) copper continuity wire Ø 0.5 mm insulated in the extrusion process

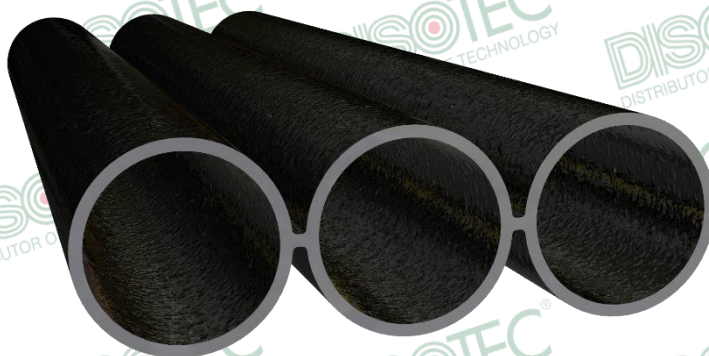
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Multi tube cable TRITUBE



DISOTEC Tritube is made of black HDPE PN6, designed for the protection of minitubes and the laying of fiber optic cables. Consisting of three tubes aligned and joined together by a septum.

The internal surface of the monotube has grooves to facilitate the insertion of cables or miniducts.

- Marking**

Each individual duct inkjet printed with standard marking.
Outer sheath of Tritube is inkjet printed in yellow color on entire length.
Printing is repeated after each 1 m.

- Packing**

Tritube is supplied on coils with ends closed with caps to prevent the entry of foreign bodies.

REFERENCE SPECIFICATION	DESCRIPTION FENDER	INSTALLATION	LENGHT ON REEL [m]	OUTER SHEATH MATERIAL. UV RESISTANT	NOMINAL DIAMETER OUTER [mm]	NOMINAL DIAMETER INNER [mm]	NOMINAL THICKNESS [mm]	NOMINAL WIDTH [mm]	WEIGHT [kg/m]	BEND RADIUS Min [mm]
Telecom 1366 30/07/1998	Tritube 50/44	DIRECT BURIED	350 m	HDPE	50,0 mm	44,0 mm	3,0 mm	156,0 mm	1,65 kg/m	> 500 mm