

TECHNICAL DATA SHEET

FOR

Pre-Terminated Distribution Cable

Portable & Deployable on Cable Reel

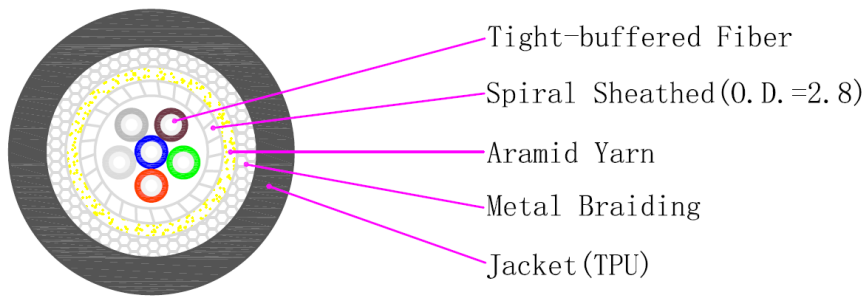
Single Mode ITU-T G657A

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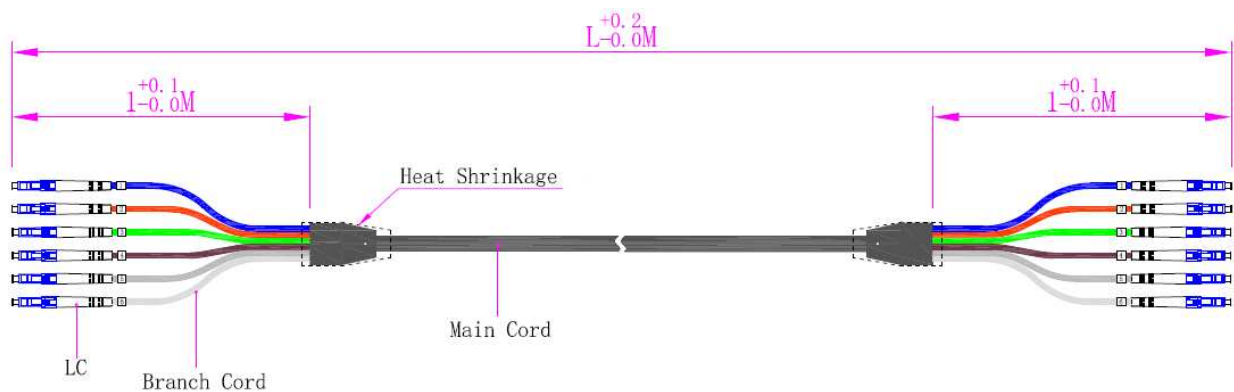
Direktronik AB tel. 08-52 400 700 www.direktronik.se

1. Structure :

1.1 .1 Cross Section of Cable :



1.1.2 Patch Cable Structure:

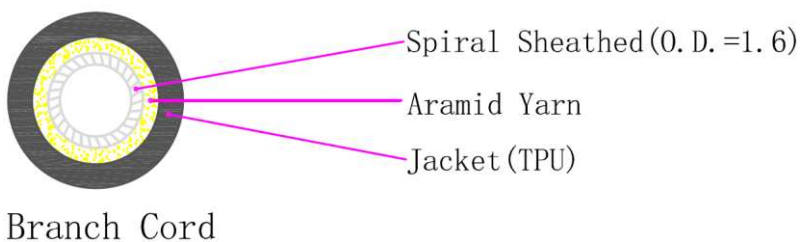


1.2 Length:

The length calculated from one side of connector ferrule to another side of connector ferrule
10m, 15m, 20m, 30m, 50m, 100m, 200m, 300m,

1.3 Fanout part:

From heat shrink to connector the standard length is 50cm
The fan out part are covered with steel armored tube



1.4 Polarity:

Simplex: straight 1-1 / 2-2 / 3-3 / 4-4 / 5-5 / 6-6

1.5 Connector Sleeve:

strong sleeves on both ends with cap to protect the connectors

2. Technical parameters:

2.1. Optical Parameters :

Connector type	LC/UPC	SC/UPC	FC/UPC	ST/UPC	SC/APC	LC/APC
Insertion Loss	<0.3dB	<0.3dB	<0.3dB	<0.3dB	<0.3dB	<0.3dB
Return Loss	>45dB	>45dB	>45dB	>45dB	>50dB	>50dB
Repeatability	≤0.2					
Durability	≤0.2 dB / 1000 mating					
Interchangeability	≤0.2dB / 500 mating					
Tensile Strength	>50N					
Operating Temperature	-40 to + 75°C					

2.2 Mechanical Parameters :

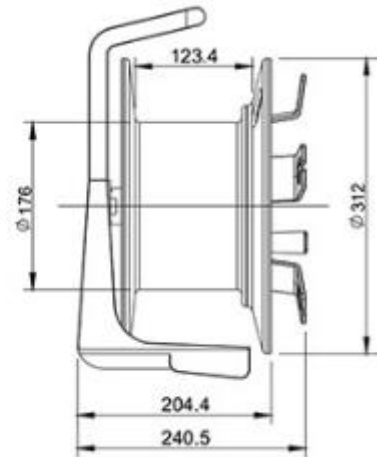
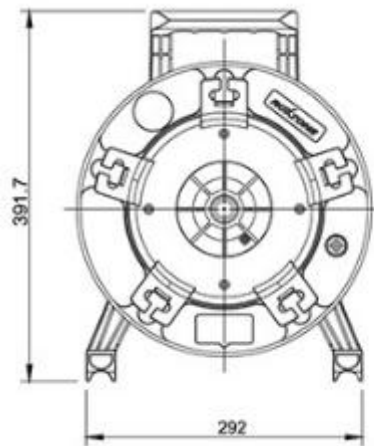
Drop	ΔIL<0.2db	IEC 61300-2-12, 1.5m, 5 drops, no damage
Vibration	ΔIL<0.2db	IEC 61300-2-1, 10-55Hz, 0.75mm amplitude, 0.5 hrs/axis
Twist	ΔIL<0.2db	Telcordia GR326(4.4.3.3)
Pull Proof	ΔIL<0.2db	Telcordia GR326(4.4.3.4)
Crushing	ΔIL<0.2db	IEC 60794-1-2-E3

2.3. Cable Parameters:

Cable type	Distribution cable round
Optical Fiber	Single Mode ITU-T G657A
Outer Diameter	5.0 mm
Sub-cable	6*900um
Branch part	2.8mm Steel Armored
Jacket Material	TPU Black
Tensile strength	≥2000N
Crush resistance	≥3000/10cm
Attenuation variation	<0.2 dB
Operation temperature range	-20 --- +60

3. Cable Reel and Packing:

Material : High density plastic



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