

Outdoor Base Station Remote Traction Cable Assemblies



Application

- FTTA Remote traction of outdoor base station
- RRU to BBU port interconnection
- 3G, 4G, LTE and distributed base stations
- Power communication systems, etc.

Features

- Factory terminated (tested cables) or Field installable version available
- The material in the jumper cable are all-weather and UV-resistant
- Mechanical performance: IEC 61754-20, IEC 61754-4 standard
- RoHS and REACH materials compliant
- minimum of 500 repetitions insert and extract
- Wide range of operational temperature for outside plant — 40°C/70°C

Standard Compliance

Information and specifications are subject to change without notice.
Please visit www.china-tscom.com for more information.

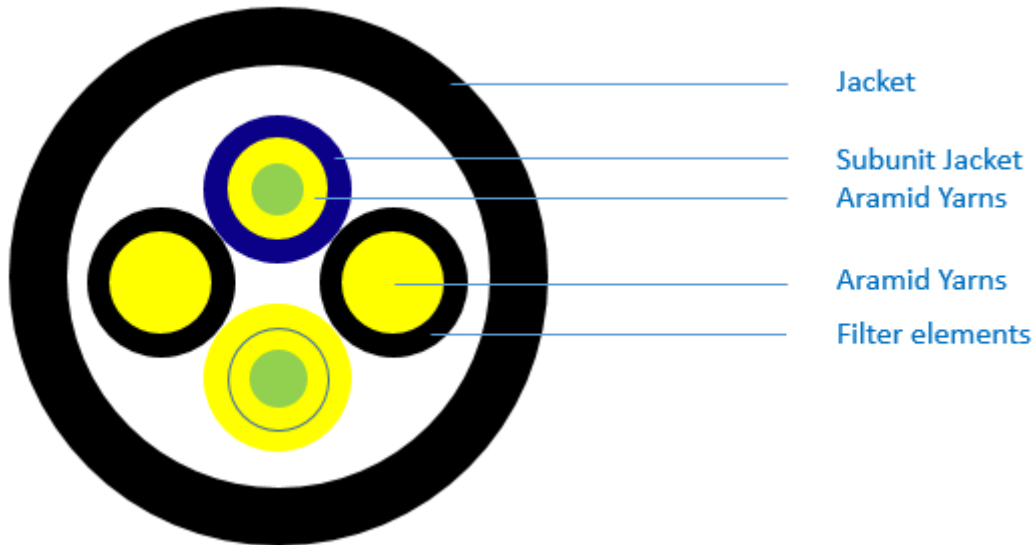
- IEC 61754 series compliant
- Qualified to Telcordia GR-326-Core
- Reach, RoHS compliant

Product Parameters

Performance			Standard	
Connector	Mode	End face	IL (dB)	RL (dB)
LC/SC/FC	SM	APC	≤0.30	≥60
		UPC	≤0.20	≥50
	MM	PC	≤0.20	≥20

Test wavelength: SM@1310/1550nm, MM@850/1300nm;

Cable Structure



Cable Parameters

Fiber Count	2/4
Outer Jacket Material	LSZH, UV resistant
Outer Jacket Color	Black
Branch Cable Color	SM: Blue, Yellow MM: Orange, Gray
Cable Overall Diameter	7.0 +/- 0.5mm
Outer Jacket Thickness	1.0 +/- 0.3mm
Subunit Overall Diameter	1.9 +/- 0.3mm
Subunit Jacket Thickness	0.35 +/- 0.3mm
Number of Fillers	2

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Filler Element Diameter	1.9 +/- 0.3mm
Strength Member	Aramid yarns (Kevlar or equivalent)

Mechanical Capacity

Tensile	Short term	400N
	Long term	200N
Crush	Short term	2200N
	Long term	1100N
Impact		1N.m, add attenuation≤0.1dB
Bending		20N, 300time, add attenuation≤0.1dB
Twist		20 N, 20time, ±180°,add attenuation≤0.1dB
Bending Radius	dynamic	20D(cable diameter)
	static	10D(cable diameter)
Operation Temperature (°C)		-40~+70
Storage Temperature (°C)		-40~+70