

Tactical Breakout Cable



Temperature Range
 Operating : -40°C to +70°C
 Storage : -50°C to +70°C
 Installation : -30°C to +70°C
 Bending Radius:
 Static 10D
 Dynamic 20D

Description

MOC Mobile cable use several $\Phi 900\mu\text{m}$ flame-retardant tight buffer fibers as optical communication medium, the tight buffer fiber wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a TPU jacket.

Standards

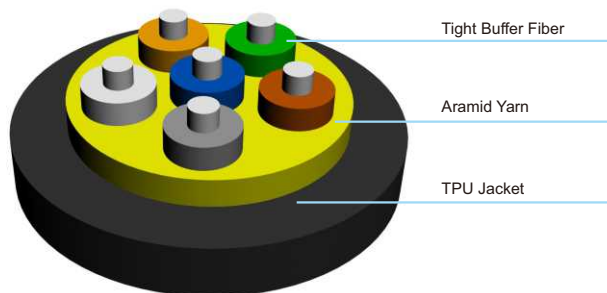
Comply with Standard YD/T 1258.4, ICEA-596, GR-409, IEC 60794, etc.

Characteristics

Tight buffer fiber ease of stripping.
 Tight buffer fiber have excellent flame-retardant performance.
 Aramid yarn as strength member make cable have excellent tensile strength.
 Excellent performance of anti-torsion.
 The outer jacket material have many advantages such as anti-abrasion, anti-aging, anti-oil and flame-retardant etc.

Applications

Military communication system cable distribution
 Communication between radars or in oil field, mining work place.



Cable Structure

Optical Characteristics

Fiber Type	Attenuation		Overfilled Launch Bandwidth	Effective Modal Bandwidth	10Gb/s Ethernet link length	Min Bending Radius
	1310/1550nm	850/1300nm				
Conditions	1310/1550nm	850/1300nm	850/1300nm	850nm	850nm	
Unit	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22					16
G657A1	0.36/0.22					10
G657A2	0.36/0.22					7.5
50/125		3.0/1.0	$\geq 500/500$			30
62.2/125		3.0/1.0	$\geq 200/500$			30
OM3		3.0/1.0	$\geq 1500/500$	≥ 2000	≥ 300	30
OM4		3.0/1.0	$\geq 3500/500$	≥ 4700	≥ 550	30
BI-OM3		3.0/1.0	$\geq 1500/500$	≥ 2000	≥ 300	7.5
BI-OM4		3.0/1.0	$\geq 3500/500$	≥ 4700	≥ 550	7.5

Structure and Technical Specifications

Fiber Count	Cable Diameter (mm)	Cable Weight (kg/km)	Tensile Strength (N/100mm)		Crush Resistance (N/100mm)	
			Short Term	Long Term	Short Term	Long Term
2	6.0±0.3	30	1500	500	5000	1000
4	6.0±0.3	30	1500	500	5000	1000
6	6.0±0.3	35	1500	500	5000	1000

Note : This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.