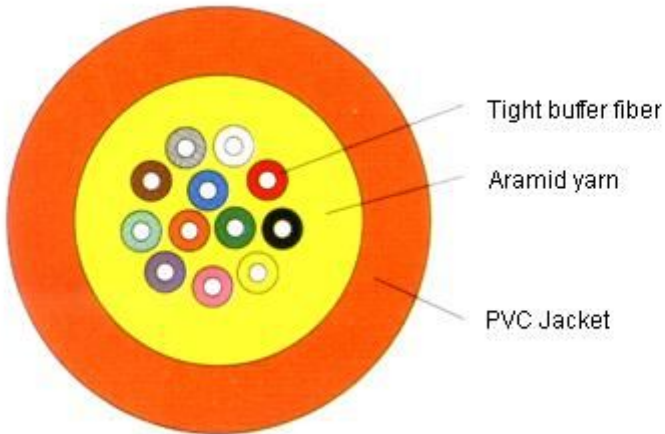


Multi Purpose Distribution Cable



·Description

02~12 fiber, Φ 900 μ m Tight buffer fiber, Aramid yarn, PVC Jacket.

·Standards

· Comply with Standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC794, etc; and meet the requirements of UL approval for OFNR.

·Cable Code

	MPC-02	MPC-04	MPC-06	MPC-08	MPC-10	MPC-12
Cable Diameter (mm)	4.1 \pm 0.25	4.8 \pm 0.25	5.1 \pm 0.25	5.6 \pm 0.25	5.8 \pm 0.25	6.2 \pm 0.25
Cable Weight (kg/km)	11.0	18.4	22	24	27	31
TBF Diameter	900 \pm 50 μ m					

·Mechanical Characteristics

Necero Optical Fiber And Cable (China) Co., LTD.

Tensile Strength	Long term	200N
	Short term	660N
Crush Resistance	Long term	300N/100mm
	Short term	1000N/100mm
Bending Radius	Dynamic	20×D (Cable Diameter)
	Static	10×D (Cable Diameter)

·Optical Characteristics

		50/125μm	62.5/125μm	G.652	G.655
Attenuation(+20 °C)	@850nm	≤3.5dB/km	≤3.5dB/km		
	@1300nm	≤1.5dB/km	≤1.5dB/km		
	@1310nm			≤0.45dB/km	≤0.50dB/km
	@1550nm			≤0.30dB/km	≤0.50dB/km
Bandwidth (Class A)	@850nm	≥500MHz·km	≥200MHz·km		
	@1300nm	≥1000MHz·km	≥600MHz·km		
Numerical Aperture		0.200±0.015 NA	0.275±0.015 NA		
Cable Cut-off Wavelength λ _{cc}				≤1260nm	≤1480nm
Attenuation at temperature cycling Δα(-20°C~+85°C)	@1300nm	≤0.50dB/km	≤0.50dB/km		
	@1550nm			≤0.20dB/km	≤0.20dB/km

·Environmental Characteristics

Transport Temperature	-20°C~+60°C
Storage Temperature	-20°C~+60°C
Installation Temperature	-5°C~+50°C
Operating Temperature	-20°C~+60°C

