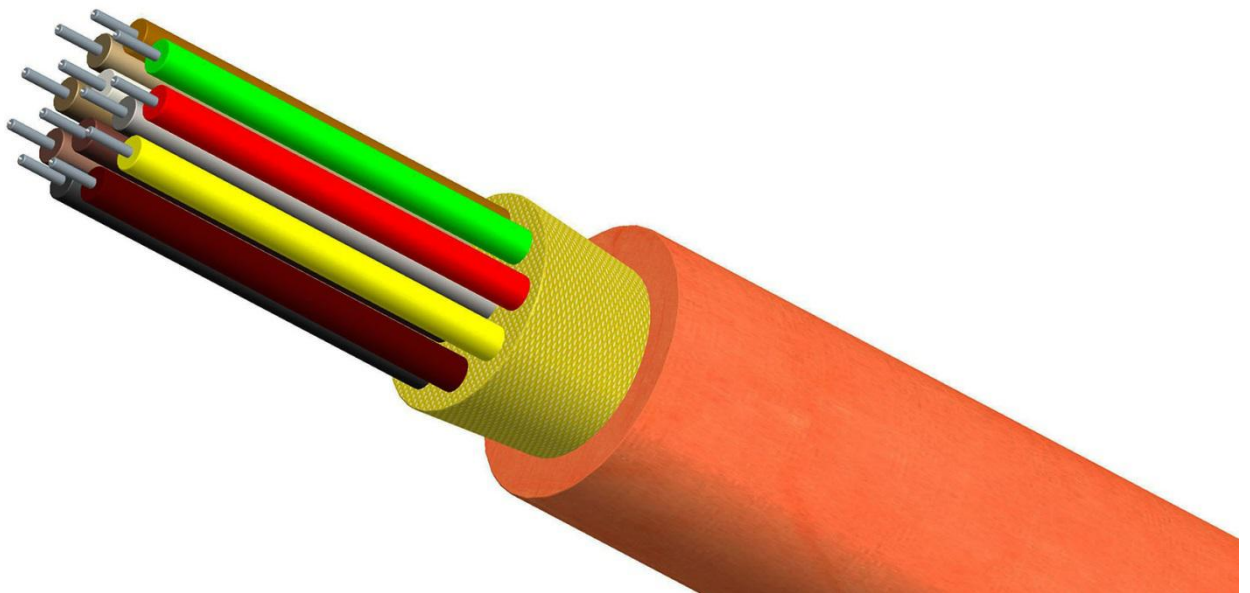




Multi Purpose Distribution Cable



Shenzhen Optostar Optoelectronics Co., Ltd

2013. 02(Versión 2)

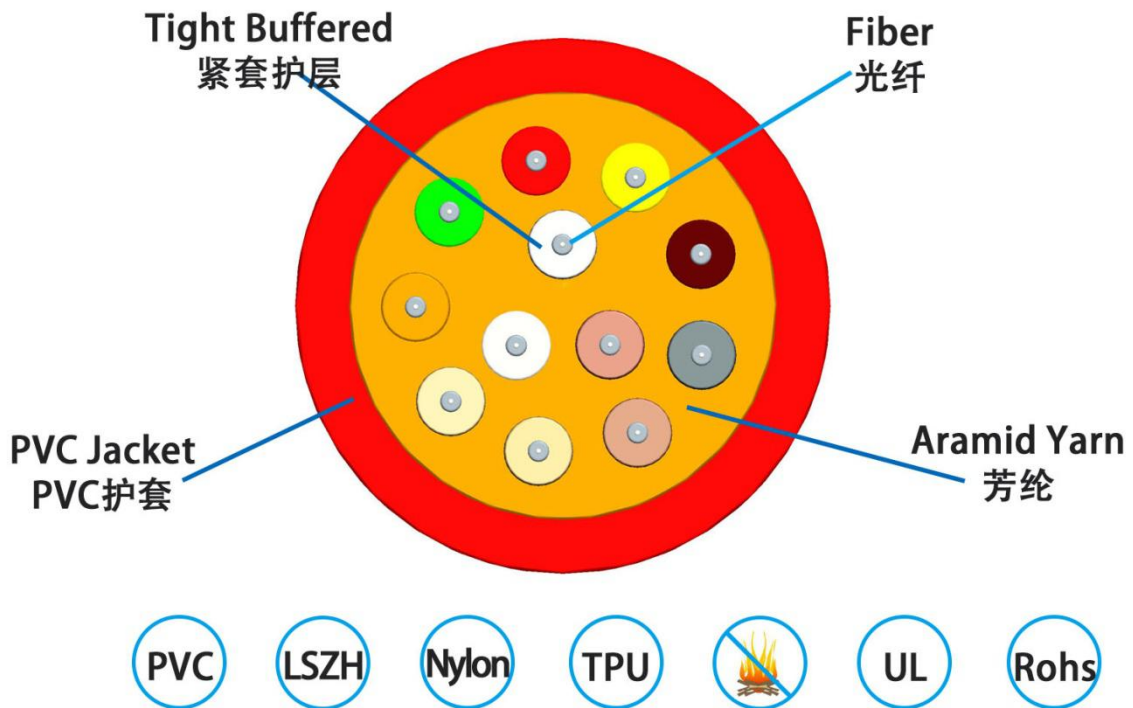
Overview

02~12 fiber, $\Phi 900\mu\text{m}$ Tight buffer fiber, Aramid yarn, PVC Jacket.

Product Features

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

Product Structure



Optical Characteristics

		50/125 μm	62.5/125 μm	G.652	G.655
Attenuation(+20 $^{\circ}\text{C}$)	@850nm	$\leq 3.5\text{dB/km}$	$\leq 3.5\text{dB/km}$		
	@1300nm	$\leq 1.5\text{dB/km}$	$\leq 1.5\text{dB/km}$		
	@1310nm			$\leq 0.45\text{dB/km}$	$\leq 0.50\text{dB/km}$
	@1550nm			$\leq 0.30\text{dB/km}$	$\leq 0.50\text{dB/km}$
Bandwidth (Class A)	@850nm	$\geq 500\text{MHz}\cdot\text{km}$	$\geq 200\text{MHz}\cdot\text{km}$		
	@1300nm	$\geq 1000\text{MHz}\cdot\text{km}$	$\geq 600\text{MHz}\cdot\text{km}$		
Numerical Aperture		$0.200\pm 0.015\text{NA}$	$0.275\pm 0.015\text{NA}$		
Cable Cut-off Wavelength λ_{cc}				$\leq 1260\text{nm}$	$\leq 1480\text{nm}$



Multi Purpose Distribution Cable

Attenuation at temperature cycling $\Delta\alpha(-20^{\circ}\text{C}\sim+85^{\circ}\text{C})$	@1300nm	$\leq 0.50\text{dB/km}$	$\leq 0.50\text{dB/km}$		
	@1550nm			$\leq 0.20\text{dB/km}$	$\leq 0.20\text{dB/km}$

Technical Parameters

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

Storage/Operating Temperature : -20°C to + 60°C

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

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