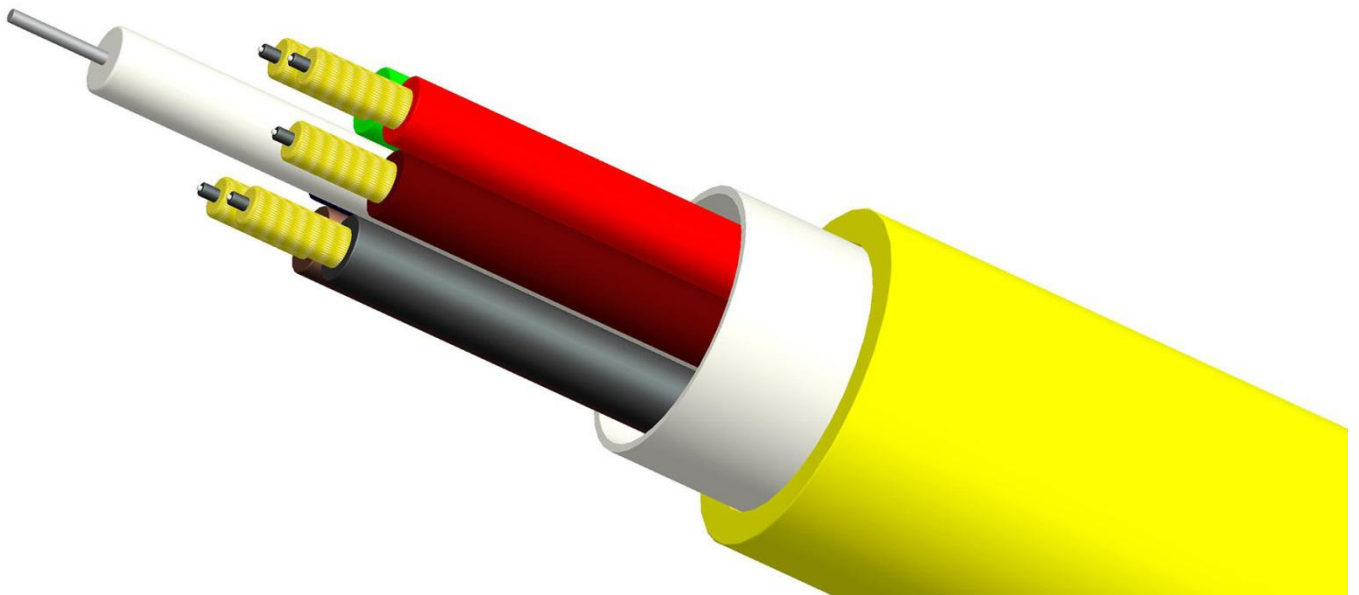




Multi Purpose Break-out Cable



Shenzhen Optostar Optoelectronics Co., Ltd

2013. 02 (Version 2)

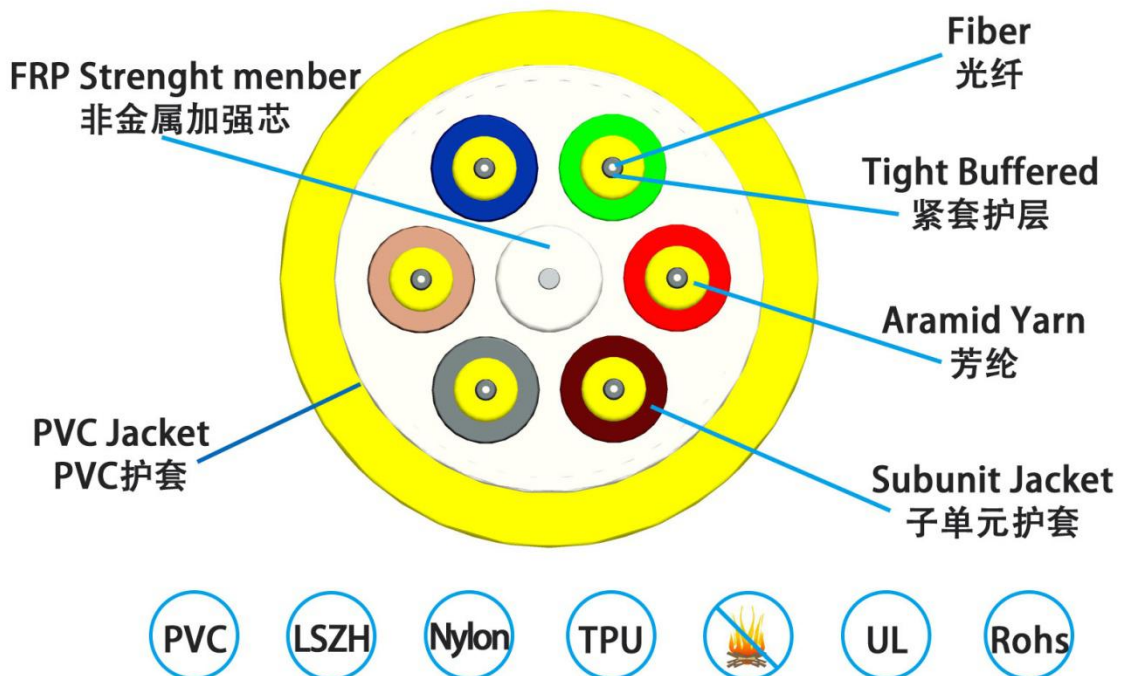
Overview

02~12 fiber, Stranded structure, FRP strength member, 1-fiber subunit (Φ900μm Tight buffer, 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

		50/125μm	62.5/125μm	G.652	G.655
Attenuation(+20℃)	@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±0.015NA	0.275±0.015NA		



Multi Purpose Break-out Cable

Cable Cut-off Wavelength λ_{cc}				$\leq 1260\text{nm}$	$\leq 1480\text{nm}$
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

	BOC-02	BOC-04	BOC-06	BOC-08	BOC-10	BOC-12
Cable Diameter (mm)	7.2 \pm 0.5	7.2 \pm 0.5	8.3 \pm 0.5	9.4 \pm 0.5	10.7 \pm 0.5	12.2 \pm 0.5
Cable Weight (kg/km)	45	45.2	62.5	85.9	109	140
TBF Diameter	900 \pm 50 μm					

Storage/Operating Temperature : -20 $^{\circ}\text{C}$ to + 60 $^{\circ}\text{C}$

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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