

Zipcord Interconnect Cable

ZCC

Description

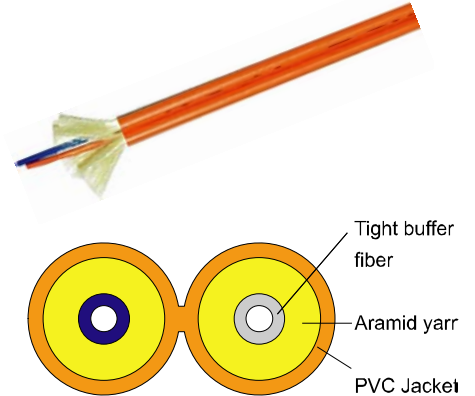
2 fiber, figure 8 structure, $\Phi 900 \mu\text{m}$ or $\Phi 600 \mu\text{m}$ Tight buffer fiber,
Aramid yarn, PVC Jacket.

Part Number: 41003-SZ-TP-MT

SZ: Size (I, II, III)

TP: Fiber Type (06 means $62.5/125\mu\text{m}$ OM1; 05 means
 $50/125\mu\text{m}$ OM2; 09 means $9/125\mu\text{m}$ OS1)

MT: Material Type (V: PVC)



Standards

Comply with Standard YD/T 1258.2-2003, IECA-596, GR-409, IEC 794,
etc; and meet the requirements of UL approval for OFNR and OFNP.

Cable Code	ZCC-III	ZCC-II	ZCC-I
Cable Diameter (mm)	$(6.0 \pm 0.4) \times (2.8 \pm 0.2)$	$(4.20 \pm 0.4) \times (2.0 \pm 0.2)$	$(3.4 \pm 0.4) \times (1.6 \pm 0.2)$
Cable Weight (kg/km)	15.6	10.5	7.3
TBF Diameter	$900 \pm 50 \mu\text{m}$	$900 \pm 50 \mu\text{m}$	$600 \pm 50 \mu\text{m}$

Machanical Characteristics

Tensile Strength	Long term	100 N	100 N	
	Short term	200 N	200 N	
Crush Resistance	Long term	200 N / 100mm	100 N / 100mm	
	Short term	1000 N / 100mm	500 N / 100mm	
Bending Radius	Dynamic	20 x H (Cable Axis)		
	Static	10 x H (Cable Axis)		

Optical Characteristics

		50/125 μ m	62.5/125 μ m	G.652	G.655
Attenuation (+20°C)	@ 850 nm	≤ 3.5 dB / km	≤ 3.5 dB / km		
	@ 1300 nm	≤ 1.5 dB / km	≤ 1.5 dB / km		
	@ 1310 nm			≤ 0.45 dB / km	≤ 0.50 dB / km
	@ 1550 nm			≤ 0.30 dB / km	≤ 0.50 dB / km
Bandwidth (Class A)	@ 850 nm	≥ 500 MHz- km	≥ 200 MHz- km		
	@ 1300 nm	≥ 1000 MHz- km	≥ 600 MHz- km		
Numerical Aperture		0.200 ± 0.015 NA	0.275 ± 0.015 NA		
Cable Cut-off Wavelength				≤ 1260 nm	≤ 1480 nm
Attenuation at temperature cycling (-20°C ~ +85°C)	@ 1300 nm	≤ 0.25 dB / km	≤ 0.25 dB / km		
	@ 1550 nm			≤ 0.10 dB / km	≤ 0.15 dB / 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

