

Product Specification

STANDARD COMPLIANCES

ANSI/TIA-568-C.3

ISO 11801 OS2 /IEC60793-2-10 type B1.3

Optical Performance meets IEC 61753-1 Random Mating Requirement Grade A and Grade B

Telcordia GR-326-CORE Issue 4 February 2010 Compliance

RoHS Compliance for the Requirement of European Union Issued Directive 2011/65/EU

CONSTRUCTION & CHARACTERISTICS

Optical Performance	Insertion loss Grade B	Random mate for 97%: $\leq 0.25\text{dB}$ Random mate average: $\leq 0.12\text{dB}$
	Return loss	Random mate for UPC: $> 50\text{dB}$
	Polish	UPC
Connector	Connector A side	IEC61754-4 SC connector
	Connector B side	IEC61754-4 SC connector
	Ferrule	Ceramic Zirconia (ZrO ₂)
Cable	Fiber class	OS2
	Fiber type	Singlemode 9/125
	Cable type	I-V(ZN)H 2.0x4.1mm LSZH yellow zipcord
	Tensile strength	90N (short time 150N)
	Operation temp.	-25°C to +80°C (5 cycles)
	Vibration	10 to 55 Hz 1.5mm double amplitude
Fire Performance	Flame retardancy	IEC 60332-1-2 and IEC 60332-3-22 Cat.A
	Smoke density LS	IEC 61034
	Absence of halogen ZH	IEC 60754-1
	Riser cable	LSZH/FRNC/TPE-O
Marking	ACT Premium Single Mode Fiber Optic Patch Cable 9/125um, OS2, LSZH, 11/13, xxxxM	

100% tested and approved

End-face geometry 100% guaranteed

ACT advises to clean every connector ferrule before usage to get optimal performance

Always leave the dust caps on if the cable isn't installed