



STRUCTURED CABLING SYSTEMS

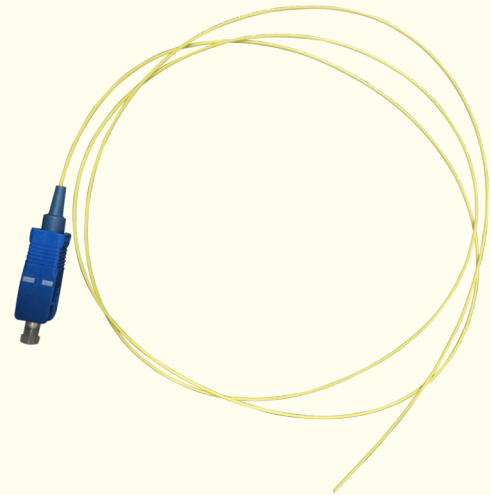
DIGISOL Pig Tails, Single Mode (OS2) & Multi Mode, LSZH Type

Introduction:-

DIGISOL Fiber Optic Single Mode OS2 and Multimode OM1/OM2/OM3/OM4 Pig Tails are offered In LSZH Jackets with Corning Fiber. Available in a Variety of Different Connections in Simplex and Duplex Options with Low Insertion Loss. Supported for a Wide Variety of Applications

Key Features:-

- LSZH Jacket-Reduced Toxic Gasses Emitted During Combustion
- 100% Factory Tested
- Low Insertion Loss and Return Loss
- Available with Corning Fiber
- Available in PC/APC Type Options
- High Precision Ceramic Ferrule with Good Concentricity



Technical Specifications:-

Connector Type	: SC, ST, FC, LC, MTRJ
Fiber Type	: OM1/OM2/OM3/OM4 (50/125 Corning Clear Curve) OS2 (9/125 Corning Clear Curve)
Tight Buffer Color	: White/yellow
Tight Buffer Material	: LSZH
Jacket Color	: Orange for OM1 & OM2, Aqua for OM3 and OM4, Yellow for OS1/OS2
Jacket Material	: LSZH
Cable Diameter (mm)	: 0.9mm
Minimum Bending Radius (mm)	: 30 (static)
Attenuation (db/km)	: <= 1.5 at 1300nm, <= 3.5mm at 850nm
Short Term Tensile (n)	: 160
Crush Resistance (n/100mm)	: 500
Operation Temperature (degree)	: Minus 20 ~ Plus 70

Optical Specifications:-

Insertion Loss	: <= 0.2 db, Max 0.3db/MTRJ; Max 0.5db
Return Loss	: PC>= 45db, UPC>=50db, APC>=60db

Mechanical Specifications:-

Connector Ferrule	: Zirconia Ceramic, (MTRJ: PS Polyphenylene Sulphide)
Apex Offset	: <50µm
Fiber Height	: (+/-)100nm
End Face Radius of Curvature	: 7mm <R<25mm (Excluding MTRJ)
Repeatability	: <= 0.2db 1000 Times Mating Cycles
Working Temperature	: (minus 40 Deggree ~ Plus 85 Degree)
Storage Temperature	: (minus 40 Deggree ~ Plus 85 Degree)



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FIBER

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Ordering Information:-

Part Codes	Description
DGF-TS2SSCP-2L	DIGISOL Pigtail, SM(OS2), Simplex SC, PC Type, 2M, LSZH
DGF-TS2SLCP-2L	DIGISOL Pigtail, SM(OS2), Simplex LC, PC Type, 2M, LSZH
DGF-TS2SFCP-2L	DIGISOL Pigtail, SM(OS2), Simplex FC, PC Type, 2M, LSZH
DGF-TS2SSTP-2L	DIGISOL Pigtail, SM(OS2), Simplex ST, PC Type, 2M, LSZH
DGF-TM1SSCP-2L	DIGISOL Pigtail, MM(OM1)(62.5), Simplex SC, PC Type, 2M, LSZH
DGF-TM1SLCP-2L	DIGISOL Pigtail, MM(OM1)(62.5), Simplex LC, PC Type, 2M, LSZH
DGF-TM1SSTP-2L	DIGISOL Pigtail, MM(OM1)(62.5), Simplex ST, PC Type, 2M, LSZH
DGF-TM2SSCP-2L	DIGISOL Pigtail, MM(OM2)(50), Simplex SC, PC Type, 2M, LSZH
DGF-TM2SLCP-2L	DIGISOL Pigtail, MM(OM2)(50), Simplex LC, PC Type, 2M, LSZH
DGF-TM2SSTP-2L	DIGISOL Pigtail, MM(OM2)(50), Simplex ST, PC Type, 2M, LSZH
DGF-TM3SSCP-2L	DIGISOL Pigtail, MM(OM3)(50), Simplex SC, PC Type, 2M, LSZH
DGF-TM3SLCP-2L	DIGISOL Pigtail, MM(OM3)(50), Simplex LC, PC Type, 2M, LSZH
DGF-TM4SSCP-2L	DIGISOL Pigtail, MM(OM4)(50), Simplex SC, PC Type, 2M, LSZH
DGF-TM4SLCP-2L	DIGISOL Pigtail, MM(OM4)(50), Simplex LC, PC Type, 2M, LSZH
DGF-TM4SSTP-2L	DIGISOL Pigtail, MM(OM4)(50), Simplex ST, PC Type, 2M, LSZH

DIGISOL is a Subsidiary of Smartlink Holdings Limited

DIGISOL SYSTEMS LIMITED
215 Atrium Bldg., 2nd Floor,
B-Wing, Opp. Big Cinema,
Courtyard Marriott Compound,
Andheri-Kurla Road,
Andheri (E), Mumbai - 400093.

- 1800-209-3444
- www.digisol.com
- helpdesk@digisol.com

@DIGISOLINDIA