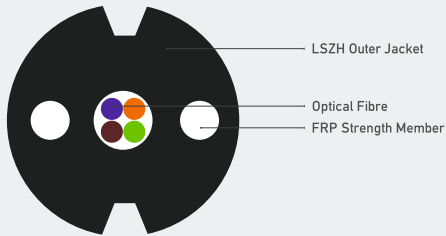


FIBRE OPTIC ROUND DROP CABLE IN/OUT

In/Out round drop cable is for fibre to the Home (FTTH) application. The cable is constructed with single-mode fibres protected by two dielectric strength members made of fibre reinforced plastic (FRP) and LSZH outer jackets.

It is very light in construction and easy to install, generally used for connecting the Main distribution frame to consolidation point at home, apartment, or offices. Industry-standard connectors can be used for direct termination.



COMPLIANCE

ITU-T G652.D/G657.A1/G657.A2 OS2
 ISO/IEC 11801 , ISO/IEC 24702
 ANSI/TIA/EIA 568C.3
 ROHS compliant Directive 2002/95/EC
 LSZH: IEC-60332-1-2, IEC-60754-1/2, IEC-61034-1/2
 IEC 60811-201, IEC 60794-1-22 F14, IEC-60794-1-21 E11A
 IEC-60794-1-21 E4, IEC-60794-1-21 E3
 IEC-60794-1-21 E1A / B IEC 60793-1-22
 IEC-60794-1-21 E7, IEC-60794-1-21 E6, IEC-60794-1-22 F1
 IEC-60794-1-22 F5, IEC-60794-1-21 E10, IEC 60793-1-40 - Method C

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Description	Specification	
Cladding non-circularity	≤1.0 %	
Mode field diameter@1310m	8.6±0.4 μm	
Cladding diameter	125±1 μm	
Core concentricity error	≤0.6 μm	
Primary coating diameter	250±15 μm	
Coating-cladding concentricity error	≤12.5 μm	
Fibre bend radius	≥4 m	
Strength member diameter	0.5mm	
Cable diameter	3.3±0.3mm	
Proof level	≥1.5 % strain	
Fibre type	9/125 [G652.D] OS2 9/125 [G657.A1] OS2 9/125 [G657.A2] OS2	
Tensile Strength	Long	60 N
	Short	100 N
Crush Load (N/100mm)	500	
Operating Temperature	-20°C to 70°C	
Installation Temperature	-10°C to 60°C	
Storage Temperature	-30°C to 70°C	
Weight	17kg/km	

FIBRE OPTIC ROUND DROP CABLE IN/OUT

TRANSMISSION CHARACTERISTICS

Characteristics	Condition	Value
Attenuation	@ 1310 nm	≤0.32 db/km
	@ 1550 nm	≤0.22 db/km
Macro bending loss	∅ 30 nm@10 turns at 1550 nm	≤0.50 db
Chromatic dispersion	@ 1310 nm	≤3.5 ps/nm.km
	@ 1550 nm	≤18 ps/nm.km
Cut-off wavelength		≤1260 nm
Zero dispersion slope		≤0.092 ps/nm ² .km
Zero dispersion wavelength		1300-1324 nm

ORDERING INFORMATION

Part Number	Description
3187-U00020S2CL	2 Core Round Fibre Optic Drop Cable [G652.D] OS2 LSZH
3187-U00027A1CL	2 Core Round Fibre Optic Drop Cable [G657.A1] OS2 LSZH
3187-U00027A2CL	2 Core Round Fibre Optic Drop Cable [G657.A2] OS2 LSZH
3187-U00040S2CL	4 Core Round Fibre Optic Drop Cable [G652.D] OS2 LSZH
3187-U00047A1CL	4 Core Round Fibre Optic Drop Cable [G657.A1] OS2 LSZH
3187-U00047A2CL	4 Core Round Fibre Optic Drop Cable [G657.A2] OS2 LSZH

CL: BK(Black)