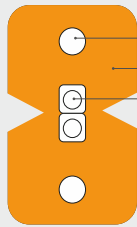
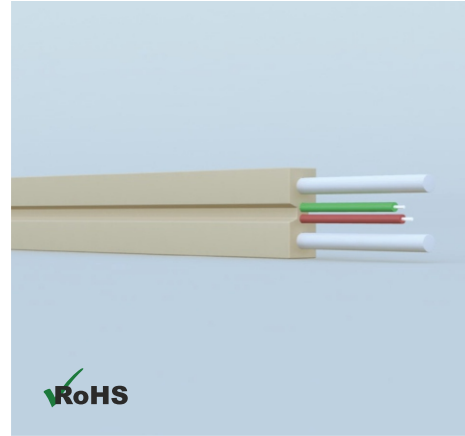


FIBRE OPTIC DROP CABLE

Two core flat drop cable is for Fibre To The Home (FTTH) application. The G657 A2 cable is constructed with two single mode fibres protected by dielectric strength member made of fibre reinforced plastic (FRP) strength member and LSZH outer jacket. It is very light in construction and easy to install, generally used for connecting Main distribution frame to consolidation point at home, apartment or offices. Industry standard connectors can be used for direct termination because of standard 250µm fibre size.



FRP Strength Member
Outer Jacket
Optical Fibre

COMPLIANCE

ITU-T G652.B OS1
ITU-T G652.D/G655/G657.A1/G657.A2 OS2
ISO/IEC 11801 , ISO/IEC 24702
ANSI/TIA/EIA 568.3-D
ROHS compliant Directive 2002/95/EC
LSZH: IEC 60332-1, IEC 60754, IEC 61034

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
Proof level	≥1.5 % strain
Fibre type	9/125 (G652.B) OS1 9/125 (G652.D) OS2 9/125 (G655) OS2 9/125 (G657.A1) OS2 9/125 (G657.A2) OS2
Tensile load	Long Term : 150 N Short Term : 300 N
Crush Resistance	Long Term : 1000 N Short Term : 2000 N
Bend radius	15 mm
Temperature	-20°C to 60°C

FIBRE OPTIC DROP CABLE

TRANSMISSION CHARACTERISTICS

Characteristics	Condition	Value
Attenuation	@ 1310 nm	≤0.40 db/km
	@ 1550 nm	≤0.30 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
3115-200017A1CL	1 Core Fibre Optic Drop Cable (G657.A1) OS2
3115-200020S2CL	2 Core Fibre Optic Drop Cable (G652.D) OS2
3115-20002500CL	2 Core Fibre Optic Drop Cable (G655) OS2
3115-200027A1CL	2 Core Fibre Optic Drop Cable (G657.A1) OS2
3115-200027A2CL	2 Core Fibre Optic Drop Cable (G657.A2) OS2
3115-200047A1CL	4 Core Fibre Drop Cable (G657.A1) OS2 LSZH
3115-200047A2CL	4 Core Fibre Drop Cable (G657.A2) OS2 LSZH
3115-200020S1CL	2 Core Fibre Optic Drop Cable (G652.B) OS1
3115-200010S2CL	1 Core Fibre Optic Drop Cable (G652.D) OS2
3115-U00027A1CL	2 Core Fibre Optic Drop Cable (G657.A1) OS2 LSZH (UV Resistant)

CL: BK(Black), OR(Orange), YL(Yellow), GN(Green), AQ(Aqua), RD(Red), BL(Blue)

PACKING INFORMATION

Cable Type	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
1 Core Drop Cable	1000 x 1	Plywood Reel/CTN	11.0	12.0	360 x 360 x 290
2 Core Drop Cable	1000 x 1	Plywood Reel/CTN	11.0	12.0	360 x 360 x 290
4 Core Drop Cable	1000 x 1	Plywood Reel/CTN	12.0	13.0	360 x 360 x 290