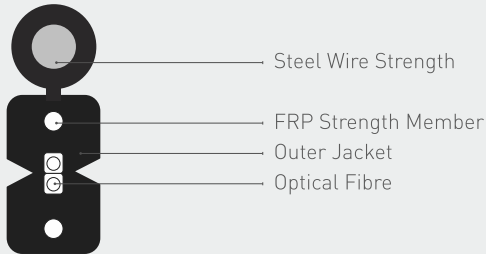


FIBRE OPTIC DROP CABLE ARMoured

Two core flat drop cable is for Fibre To The Home (FTTH) application. The cable is constructed with two single mode fibres protected by dielectric strength member made of steel wire strength member and LSZH/PE outer jacket for ultraviolet light protection and external use.

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



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 µp
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	80 N
Temperature	-20 °C to 60 °C

FIBRE OPTIC DROP CABLE ARMoured

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
3116-200017A2CL	01 Core Fibre Optic Drop Cable Armoured [G.657.A2] OS2 LSZH
3116-200020S1CL	2 Core Fibre Optic Drop Cable Armoured [G652.B] OS1 LSZH
3116-200020S2CL	2 Core Fibre Optic Drop Cable Armoured [G652.D] OS2 LSZH
3116-20002500CL	2 Core Fibre Optic Drop Cable Armoured [G655] OS2 LSZH
3116-200027A1CL	2 Core Fibre Optic Drop Cable Armoured [G657.A1] OS2 LSZH
3116-200027A2CL	2 Core Fibre Optic Drop Cable Armoured [G657.A2] OS2 LSZH
3116-200047A1CL	4 Core Fibre Optic Drop Cable Armoured [G657.A1] OS2 LSZH
3116-200047A2CL	4 Core Fibre Optic Drop Cable Armoured [G657.A2] OS2 LSZH
3116-300047A1CL	4 Core Fibre Optic Drop Cable Armoured [G657.A1] OS2 PE
3116-300047A2CL	4 Core Fibre Optic Drop Cable Armoured [G657.A2] OS2 PE

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

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3116-200017A2CL	1000 x 1	Plywood Reel/CTN	21.0	22.0	360 x 360 x 255
3116-200020S1CL	1000 x 1	Plywood Reel/CTN	21.0	22.0	360 x 360 x 255
3116-200020S2CL	1000 x 1	Plywood Reel/CTN	21.0	22.0	360 x 360 x 255
3116-20002500CL	1000 x 1	Plywood Reel/CTN	21.0	22.0	360 x 360 x 255
3116-200027A1CL	1000 x 1	Plywood Reel/CTN	21.0	22.0	360 x 360 x 255
3116-200027A2CL	1000 x 1	Plywood Reel/CTN	21.0	22.0	360 x 360 x 255
3116-200047A1CL	1000 x 1	Plywood Reel/CTN	23.0	25.0	360 x 360 x 255
3116-200047A2CL	1000 x 1	Plywood Reel/CTN	23.0	25.0	360 x 360 x 255
3116-300047A1CL	1000 x 1	Plywood Reel/CTN	25.0	27.0	360 x 360 x 255
3116-300047A2CL	1000 x 1	Plywood Reel/CTN	25.0	27.0	360 x 360 x 255