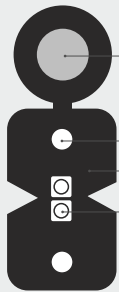


2 CORE FIBRE OPTIC DROP CABLE G657.A2 ARMOURED

Two core flat drop cable 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 steel wire strength member and LSZH 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 in home, apartment or offices. Industry standard connectors can be used for direct termination because of standard 250m fibre size.



Steel Wire Strength

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
IEEE 802.3z Gigabit Ethernet
ANSI/TIA/EIA 568C.3
ROHS compliant Directive 2002/95/EC

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Description	Specification
Cladding non-circularity	< 1.0 %
Mode field diameter@1310m	8.6±0.4 um
Cladding diameter	125±1 um
Core concentricity error	< 0.6 um
Primary coating diameter	250±15 um
Coating-cladding concentricity error	< 12.5 up
Fibre bend radius	> 4 m
Proof level	> 1.5 % strain
Fibre type	G657.A2
Tensile load	80 N
Temperature	-20 °C to 60 °C

2 CORE FIBRE OPTIC DROP CABLE G657.A2 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

COLOR CODE

BL-Blue	BR-Brown	RE-Red	PU-Purple
OR-Orange	GY-Grey	BK-Black	PI-Pink
GR-Green	WH-White	YE-Yellow	AQ-Aqua

ORDERING INFORMATION

Part Number	Description
3124-200020S2CL	2 Core Fibre Optic Drop Cable (G652.B) OS1

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3124-200020S2CL	1000 x 1	Plywood Reel/CTN	11.0	12.0	360 x 360 x 290