

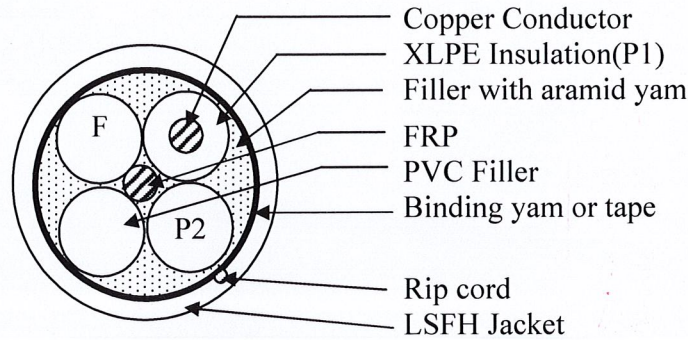


億泰電線電纜股份有限公司
EVERTOP WIRE CABLE CORPORATION

桃園縣中壢市中正路二段 363 巷 32 號

TEL:886-3-4253111/4279900 FAX:886-3-4221991/4279933

Cable Construction



Hybrid Cable

Out jacket diameter	9.0±0.5mm
Out jacket color	LSFH, Black
DC cable	
Copper size	2*1.5mm ²
Insulation material	XLPE
DC cable color	Brown and blue
FO cable	
Fiber Optic	Single mode, G657A2
Tube	Gel-filled loosed tube with 8 optical fibers
Tube material	PBT

Mechanical data

Hybrid Cable

Minimum bending radius	Installation, 250mm Operation, 200mm
Tensile Strength (according to IEC 60794-1-2 E1)	Long term tensile force : 200N, Short term tensile force : 600N,
Crush (according to IEC 60794-1-2 E3)	Long term Crush force : 300N/100mm, Short term Crush force : 1000N/100mm,

Cable retention force at divider

Fiber break-out cable	Max. 68N
Power break-out cable	Max. 100N
Hybrid cable	Max. 200N

Environment data

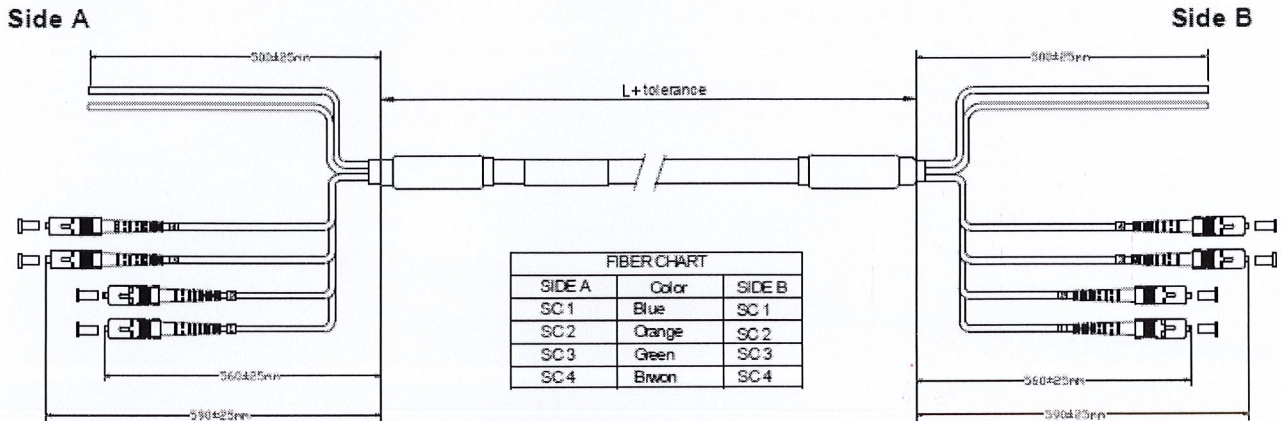
Temperature range operation	-40°C to +70°C
Temperature range storage	-40°C to +70°C
Temperature range installation	-20°C to +60°C
2011/65/EU (RoHS)	compliant
Flammability	IEC60332-1



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All dimensions are in mm;

Parts

Connector A	4XSC/APC Connector, single mode
Connector B	4XSC/APC Connector, single mode
Cable	9.0±0.5mm, LSFH, Black

Optical data

Cable	
Fiber	9/125um optical fiber according to ITU-T G.657A2
Fiber count	8 fibers
Cable Attenuation	≤ 0.4dB/km @1310nm ≤ 0.3dB/km @1550nm
Assembly	
Insertion loss	Max.0.6+0.4*L/1000dB @ 1310nm&1550nm according to IEC 61300-3-4 Method C
Return loss	Min.60 dB according to IEC 61300-3-6 Method 1

Electrical data at 20°C

DC Cable	
Copper Cores	2*1.5mm ²
Conductor resistance	13.3Ω/km (max.)
Rating	300V