



Dual Jacket Indoor/Outdoor Subscriber Cable

Fibre optic drop cable for indoor/outdoor FTTx applications

Product Overview

The drop cable is primarily intended for a direct installation. Installation with staples or clips or routing inside cable raceways and mouldings. This installation technique puts extra requirements on the cables in terms of bend performance, crush resistance and other mechanical parameters.

The drop cable has extremely good bend performance due to the G657 fibre and the inbuilt bend restriction of the cable design. The cable will by itself control the minimum bend radius and permit kinking.

Features

- Double sheath for outdoor/indoor installations
- Internal cable Cca approved
- Excellent installation performance
- Easy to access and identify fibres
- Very good temperature performance
- Diameter optimized to 4.5mm to be used with existing cable clips
- UV resistant outer sheath
- Halogen free, fire resistant inner sheath

Applications

FTTx, internal and external

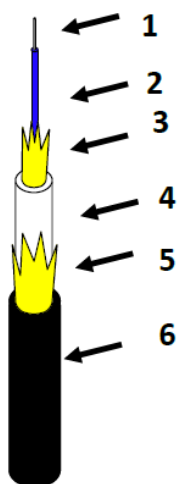
Design

The cable has dual low smoke flame retardant sheaths, the outer is a UV resistant black variant. When entering a building, the outer sheath of the cable is simply removed to expose the inner flame retardant jacket. The operation is swift and enables easy installation from an outdoor environment to an indoor environment without the need for two different cables and a cable joint.

Technical Information

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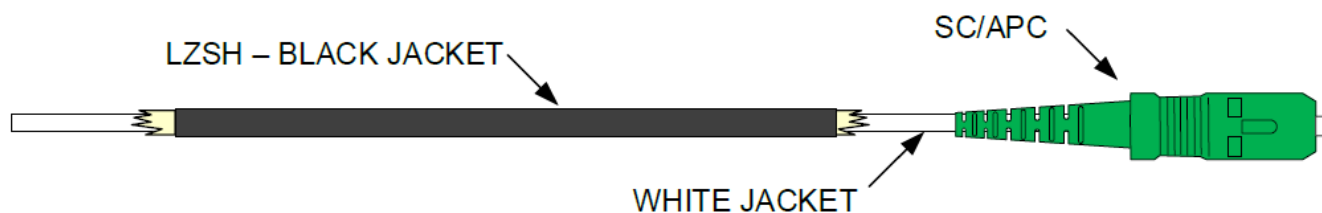
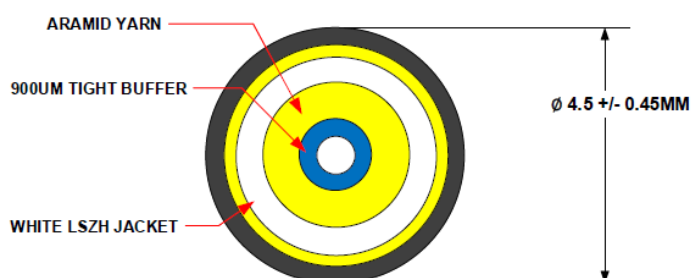
Product colour	Black, White
Temperature, Operation	-20° ~ +70° IEC 60794-1-22-F1
IP Rating	IEC 60794-1-22-FSB
Reaction to fire	IEC 60332-1
Fibre type	G657A2
Attenuation @ wavelength (nm)	≤ 0.4 (at 1310nm), ≤ 0.3 (at 1550nm)
Insertion loss, max (dB)	0.25
Return loss, min (dB)	SC/UPC & LC/UPC: 50, SC/APC & LC/APC: 60



Design

1. Primary coated fibre
2. Tight secondary coating
3. Aramid Yarn
4. Sheath —White LSZH
5. Aramid Yarn
6. Outer Sheath—Black LSZH

Fibre Type



Ordering Information

Part number	Description
CFMDU-DJA245-ALCASC-M02W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 2M
CFMDU-DJA245-ALCASC-M03W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 3M
CFMDU-DJA245-ALCASC-M05W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 5M
CFMDU-DJA245-ALCASC-M07W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 7M
CFMDU-DJA245-ALCASC-M10W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 10M
CFMDU-DJA245-ALCASC-M15W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 15M
CFMDU-DJA245-ALCASC-M20W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 20M
CFMDU-DJA245-ALCASC-M25W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 25M
CFMDU-DJA245-ALCASC-M30W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 30M
CFMDU-DJA245-ALCASC-M35W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 35M
CFMDU-DJA245-ALCASC-M40W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 40M
CFMDU-DJA245-ALCASC-M45W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 45M
CFMDU-DJA245-ALCASC-M50W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 50M
CFMDU-DJA245-ALCASC-M55W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 55M
CFMDU-DJA245-ALCASC-M60W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 60M
CFMDU-DJA245-ALCASC-M65W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 65M
CFMDU-DJA245-ALCASC-M70W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 70M
CFMDU-DJA245-ALCASC-M75W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 75M
CFMDU-DJA245-ALCASC-M80W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 80M
CFMDU-DJA245-ALCASC-M85W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 85M
CFMDU-DJA245-ALCASC-M90W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 90M
CFMDU-DJA245-ALCASC-M95W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 95M
CFMDU-DJA245-ALCASC-M100W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 100M
CFMDU-DJA245-ALCASC-M105W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 105M
CFMDU-DJA245-ALCASC-M110W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 110M
CFMDU-DJA245-ALCASC-M115W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 115M
CFMDU-DJA245-ALCASC-M120W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 120M
CFMDU-DJA245-ALCASC-M125W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 125M
CFMDU-DJA245-ALCASC-M130W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 130M
CFMDU-DJA245-ALCASC-M135W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 135M
CFMDU-DJA245-ALCASC-M140W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 140M
CFMDU-DJA245-ALCASC-M145W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 145M
CFMDU-DJA245-ALCASC-M150W	Dual Jacket Cable - 1f - A2 - 4.5-3mm(Cca) - ALC-ASC - 150M