



Pre-Terminated Drop Cable

Design

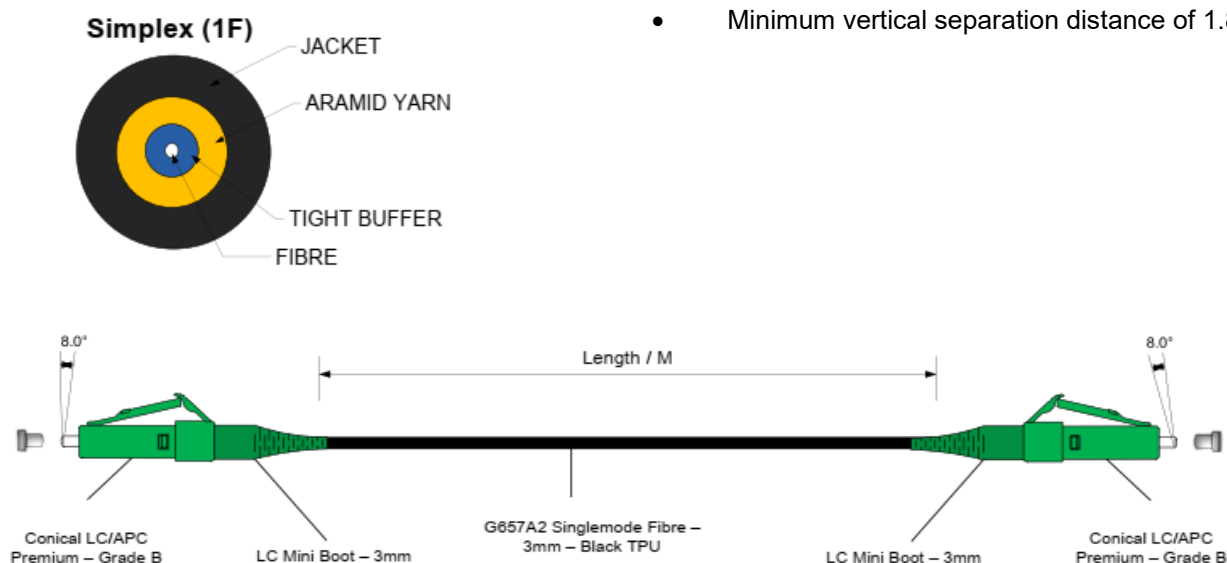
The cable shall only be installed using approved suspension clamps. Recommended maximum span length for PIA applications is 68m, taking into account wind loads and 5mm ice coverage but up to 80km is possible for special cases.

Transmission Characteristics

Attenuation	@ 1310nm	@ 1550nm	@ 1625nm
Max	0.35dB/km	0.21dB/km	0.24dB/km

Typical Data

- ITU-T G657A2 bend insensitive fibre
- Tight buffered
- Black TPU rugged jacket
- Small cable outer diameter <4mm
- Aramid yarn high tensile strength
- 100% inspection tested to IEC-61300-3-35
- Dry design with water blocking aramid
- Non metallic cable
- Controlled tensile breaking force <1800N
- UV stabilized jacket
- Suitable for use under 11kv power lines
- Minimum vertical separation distance of 1.8m



Technical Information - Terminations

Characteristics	Conditions	Value Max
Insertion loss	Random mated	0.25dB max for >97% of samples
Insertion loss	Against reference cable	≤ 0.12dB mean
Return loss	UPC	>55dB
Return loss	APC	>65dB
Temperature cycling	-40 +75°C (21Cycles) , 168hr	<0.2dB
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Ordering Information

Part number	Description
CFMDU-CSX-SM7L30-BLK-1K	Drop Cable 1f A2 3mm TPU Black