

Stranded Mini-Loose-Tube Cable, outside plant, UV stable PE sheath and PA sleeve - blue, 01x12-fibers OS2



PRODUCT\_IMAGE

## DESCRIPTION

This loose tube dielectric optical cable is designed for external underground installations in micro ducts by pulling, blowing or floating techniques.

Polyamide provides anti-termite protection. Optimized for blowing in mini ducts of 10mm diameter (internal).

## TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Cable type	Stranded mini loose tube cable
Cable version	Micro cable (blowable)
Cable application	outdoor use
Fiber type	G.657.A1
Fiber count	12
Outer sheath material	UV stable PE sheath and PA sleeve
Outer sheath color	blue
Cable sheath characteristics	Polyamide provides anti-termite protection
Warranty	R&Mfreenet

## MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Installation tensile strength	1000 N
Installation tensile strength acceptance criteria	no attenuation increase after test
Installation tensile strength test method	IEC 60794-1-21:E1
Short-term crush resistance	2000 N/100mm
Short-term crush resistance acceptance criteria	no damage
Short-term crush resistance test method	IEC 60794-1-21:E3A

## ENVIRONMENTAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Temperature cycling test method	IEC 60794-1-22:F1
Operation temperature	10 °C to 70 °C / +50 °F to +158 °F
Storage / Transport temperature	20 °C to 70 °C / +68 °F to +158 °F
Water penetration	L = 3 m, h = 1 m, 24 h
Water penetration acceptance criteria	no water leakage
Water penetration test method	IEC 60794-1-22:F5C