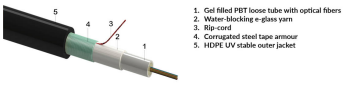
Product information

Central loose tube cable, outdoor-use, CSTA - steel tape armour, HDPE sheath - black, 01x12-fibers G652.D

R855726



030.6311.A.1 / similar product

Description

Corrugated steel tape armoured central loose tube cable with excellent mechanical protection and thus secure rodent protected.
With up to 24 fibers maximum, suitable for outdoor duct or direct buried installation.

Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Cable type	Central loose tube cable
Jacket material	UV stable HDPE
CPR classification	Fca
Armour	Corrugated steel tape armoured (CSTA)
Fiber type	G652.D
Fiber Count	12
Application	outdoor-use
Cable family code	OX1ECH
DIN/VDE Code	A-DQ(ZN)(SR)2Y wbg
DoP no.:	D9911
Loose-tube count	1
Fiber count per tube	24
Loose tube nominal diameter	3 mm
Outer jacket nominal thickness	1.2 mm
Cable outer diameter	7.7 mm
Cable version	n.a
Standard put-up length on drum	2100 m ± 5%

Mechanical Data

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DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Cable weight	70.0 kg/km / 47 lbs/1000ft
Tensile performance - in service	500 N
Tensile performance - in service test method	IEC 60794-1-21:E1
Tensile performance - in service acceptance criteria	Δα ≤ 0,05 dB
Tensile performance - during installation	1500 N
Tensile Performance during Installation TestMethod	IEC 60794-1-21:E1
Tensile performance - during installation acceptance criteria	Δα ≤ 0,05 dB after test
Crush resistance - long term	2500 N/100mm
Crush resistance - long term test method	IEC 60794-1-21:E3A
Crush resistance - long term acceptance criteria	Δα ≤ 0,05 dB prior release, no damage
Impact resistance	20 Nm, 3 impacts, d=20 mm, R=300 mm
Impact resistance test method	IEC 60794-1-21:E4
Impact resistance acceptance criteria	Δα ≤ 0,05 dB after test, no damage
Torsion	L = 1 m, rotation angle ±180°, 10 cycles
Torsion test method	IEC 60794-1-21:E7
Torsion acceptance criteria	no damage
Cable bend	d=20 x cable diameter, 4 turns, 3 cycles
Cable bend - test method	IEC 60794-1-21:E11A
Cable bend - acceptance criteria	Δα ≤ 0,05 dB after test, no damage
Repeated bending	R=20 x cable diameter, 25 cycles
Repeated bending test method	IEC 60794-1-21:E6
Repeated bending acceptance criteria	no damage

Climatic Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Temperature cycling	-20 °C +70 °C / -4 °F +158 °F
Temperature cycling - reversible	-30 °C +70 °C / -22 °F +158 °F
Operation temperature	-20 °C to +70 °C / -4 °F to +158 °F
Transport / store temperature	-30 °C to +70 °C / -22 °F to +158 °F

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