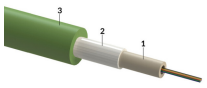
Datasheet R857789

Central loose tube cable, indoor-use, no armour, FRLSZH sheath - lime-green, B2ca, 01x12-fibers OM5



030.6308.B.1 / similar product

TECHNICAL DATA

DESCRIPTION	VALUE/VALUE RANGE
Cable type	Central loose tube cable
Jacket material	FRLSZH
CPR classification	B2ca
Armour	Rodent protection
Fiber type	OM5
Fiber Count	12
Application	indoor-use
Cable family code	IFEF FiRis
DIN/VDE Code	J-B(ZN)H wbg
DoP no.:	D9082
Loose-tube count	1
Fiber count per tube	24
Loose tube nominal diameter [mm]	2.4 mm
Outer jacket nominal thickness [mm]	0.9 mm
Cable outer diameter [mm]	5.4 mm
Cable version	n.a
Standard put-up length on drum	2100 m ± 5%
CPR classification detail	B2ca-s1a,d0,a1

MECHANICAL DATA

DESCRIPTION	VALUE/VALUE RANGE
Cable weight	32.0 kg/km / 21 lbs/1000ft

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DESCRIPTION	VALUE/VALUE RANGE
Tensile performance - during installation	1000 N (5 min.)
Tensile Performance during Installation TestMethod	IEC 60794-1-21:E1A
Tensile performance - during installation acceptance criteria	Δα ≤ 0,05 dB after test
Crush resistance - long term	500 N/100mm (long term -15min)
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	5 Nm, 3 impacts, d=20 mm, R=12,5 mm
Impact resistance test method	IEC 60794-1-21:E4
Impact resistance acceptance criteria	no fiber breakage
Torsion	L = 1 m, rotation angle ±180°, 10 cycles, F= 20N
Torsion test method	IEC 60794-1-21:E7
Torsion acceptance criteria	no fiber breakage
Kink	d = 20 x cable diameter
Kink acceptance criteria	no kink
Cable bend	R=20 x cable diameter, 6 turns, 10 cycles, 23°C
Cable bend - test method	IEC 60794-1-21:E11A
Cable bend - acceptance criteria	no fiber breakage
Repeated bending	R=10 x cable diameter, 25 cycles, m = 4Kg
Repeated bending test method	IEC 60794-1-21:E6
Repeated bending acceptance criteria	no damage

CLIMATIC DATA

DESCRIPTION	VALUE/VALUE RANGE
Temperature cycling	-20 °C +60 °C / -4 °F +140 °F
Temperature cycling - reversible	-25 °C +60 °C / -13 °F +140 °F
Installation temperature	-5 °C +50 °C / +23 °F +122 °F
Operation temperature	-20 °C to +60 °C / -4 °F to +140 °F
Transport / store temperature	-25 °C to +60 °C / -13 °F to +140 °F