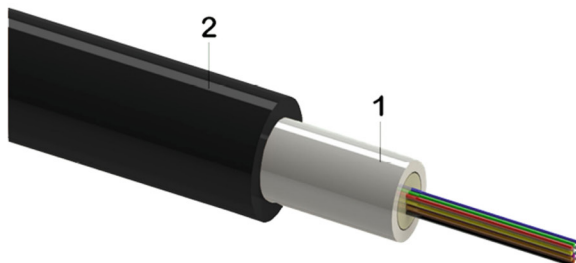


Central loose tube cable, Micro, outdoor-use, no armour, HDPE sheath - black, 01x24-fibers G657.A1



1. Gel filled PBT loose tube with optical fibers
2. HDPE UV stable outer jacket

030.6307.A.1/ similar product

PRODUCT-NO	PRODUCT CODE
R855493	CLT-D01x3.0-NNONS-N3Y_A-MNNR-01x24-S7-bk
CABLE TYPE	CABLE VERSION
Central loose tube cable	Micro cable
CABLE APPLICATION	DIN/VDE CODE
outdoor-use	A-D2Y
CPR CLASSIFICATION	DOP NO.:
n.a	n.a

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Fiber type	G.657.A1
Fiber count	24
Loose-tube count	1
Loose tube nominal diameter	3
Outer jacket nominal thickness	0.5
Cable outer diameter	4
Cable informative weight	14.0 kg/km / 9 lbs/1000ft
Standard put-up length on drum	2100 m ± 5%
Outer jacket material	UV stable HDPE
Jacket colour	black
Sheath marking	Ink-Jet, white
Fiber Color Code (IEC 60304)	1.-12.: red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink 13.-24.: red, green, blue, yellow, white, grey, brown, violet, turquoise, natural, orange, pink(ring-marked)

Central loose tube cable, Micro, outdoor-use, no armour, HDPE sheath - black, 01x24-fibers G657.A1

MECHANICAL DATA

DESCRIPTION	TEST METHOD	VALUE / VALUE RANGE	ACCEPTANCE CRITERIA
Tensile performance - during installation	IEC 60794-1-21:E1	50 N (short term)	$\Delta\alpha \leq 0,05$ dB after test
Crush resistance - long term	IEC 60794-1-21:E3A		
Crush resistance - short term	EN 60794-1-21:E3A	500 N/100mm	$\Delta\alpha \leq 0,05$ dB after release, no damage
Impact resistance	EN 60794-1-21:E4	1 Nm, 3 impacts, d=20 mm, R=300 mm	$\Delta\alpha \leq 0,05$ dB after test, no damage
Torsion	EN 60794-1-21:E7	L = 1 m, rotation angle $\pm 180^\circ$, 10 cycles	no damage
Kink	EN 60794-1-21:E10	d = 40 x cable diameter	no damage
Cable bend - no tension	EN 60794-1-21:E11A	d=40 x cable diameter, 4 turns, 3 cycles	$\Delta\alpha \leq 0,05$ dB after test, no damage
Repeated bending	EN 60794-1-21:E6	R = 40 x cable diameter, 25 cycles	no damage

CLIMATICAL DATA

DESCRIPTION	TEST METHOD	VALUE / VALUE RANGE	ACCEPTANCE CRITERIA
Temperature cycling	EN 60794-1-22:F1	-20 °C +70 °C / -4 °F +158 °F	$\Delta\alpha \leq 0,05$ dB
Temperature cycling - reversible	EN 60794-1-22:F1	-30 °C +70 °C / -22 °F +158 °F	$\Delta\alpha \leq 0,15$ dB, reversible
Temperature range - in service		-20 °C to +70 °C / -4 °F to +158 °F	
Temperature range - during installation		-5 °C +50 °C / +23 °F +122 °F	
Temperature range - in storage & transport		-30 °C to +70 °C / -22 °F to +158 °F	
Moisture resistance	EN 60794-1-22:F5B	L = 3 m, 1 m water height, 24 h	no water leakage

FIRE PROPERTIES

DESCRIPTION	TEST METHOD	VALUE / VALUE RANGE
Euro classification to CPR		n.a