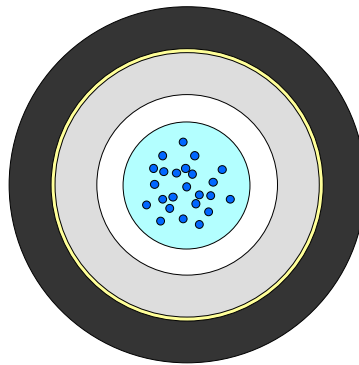


Universal Cable UC2000 CT-A nG ..

FO Cables with loose tube U-DQZN)BH 1500N

Application

FO indoor/outdoor cables with central tubes are required for access networks. They are suitable for outdoor duct and indoor riser installation. The central loose tube design allows a thin and less expansive cable construction. The cable is UV resistant, non-metallic, rodent protected, halogen-free flame retardant, longitudinally watertight with tensile strengthening and therefore suitable for indoor riser installation as well as outdoor duct installation or direct burial.



Cable lay up

Central Tube

Filled tube with 4 upto 24 fibres, core dimensions 2.0/2.8 mm

Strength Members

strengthened layer of glass rovings as a metal free rodent protection (class 2) and swellable tapes for longitudinal water tightness

Outer Sheath

Flame retardant, halogen free outer sheath (FRNC), sheath colour black

Fibre Colour Code

With up to 12 fibres	Fibre 13-18 with additional black marks 70 mm distance	Fibre 19-24 additional black marks 35 mm distance
Fibre 1: Red. Fibre 2: Green. Fibre 3: Blue. Fibre 4: Yellow. Fibre 5: White. Fibre 6: Grey. Fibre 7: Brown. Fibre 8: Violet. Fibre 9: Turquoise. Fibre 10: Black. Fibre 11: Orange. Fibre 12: Pink.	Fibre 13: Yellow Fibre 14: White Fibre 15: Grey Fibre 16: Turquoise Fibre 17: Orange Fibre 18: Pink	Fibre 19: Yellow Fibre 20: White Fibre 21: Grey Fibre 22: Turquoise Fibre 23: Orange Fibre 24: Pink

Core colour code

Yellow 9/125, green 50/125, blue 62.5/125

Identification

white printing,
DRAKA COMTEQ UC2000 CT-A 12G 50/125 FRNC

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FO Cables with loose tube U-DQZN)BH 1500N

Properties

Temperature Range	IEC 60794-1-2 F1	
	operation	- 10 °C upto + 60 °C
	operation ($\Delta\alpha < 0.1$ dB/km)	- 40 °C upto + 60 °C
	laying	- 15 °C upto + 60 °C
	transport/storage	- 40 °C upto + 60 °C
Bending Radius	during installation	20 x D
	during operation	15 x D
Tensile Force	IEC 60794-1-2 E1	700 N (permanent)
Crush	IEC 60794-1-2 E3	3000 N
Impact	IEC 60794-1-2 E4	20 Nm
Longitudinal watertightness	IEC 60794-1-2 F5b	passed
Flame Resistance	IEC 60332-1	passed

Technical data

Product Code	Number of Fibres	Fibre Type	Outer Diameter mm	Weight kg/km	Standard Delivery Length m	Fire load		Short term tensile Force (max.) N
						MJ/km	kWh/m	
CL4272955	4	50/125 OM2	8,5	60	2000	950	0,264	1500
CL4272957	4	50/125 OM3						
CL4273055	8	50/125 OM2						
CL4273155	12	50/125 OM2						
CL4273157	12	50/125 OM3						
CL4274155	24	50/125 OM2						
CL4274157	24	50/125 OM3						
CL4274455	4	62.5/125 OM1						
CL4274555	8	62.5/125 OM1						
CL4274655	12	62.5/125 OM1						
CL4266755	24	62.5/125 OM1						
CL4274855	4	9/125 OS1						
CL4274955	8	9/125 OS1						
CL4275055	12	9/125 OS1						
CL4275155	24	9/125 OS1						

D = outer cable diameter