Universal Central Loose Tube Cable with Steel Wire Braid, Double Jacket

GUHA **A/I-DQ(ZN)H(SR)H**

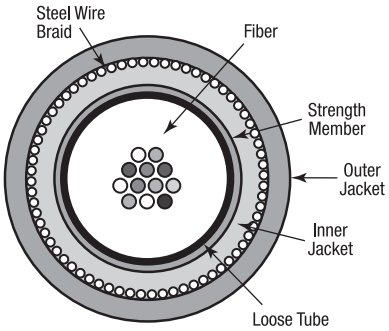
Applications

- For outdoor and indoor use in structured (data) wiring systems such as campus backbone
- For outdoor and indoor use in networks for telecom, cable TV and/or broadcast
- Easy to install in ducts, tunnels and trenches by means of compressed air or pulling wire
- Suitable for direct burial

Features & Benefits

- Available in sizes from 4 to 24 fibers
- Jelly filled (non-dripping and silicon-free) loose tube with primary coated optical fibers (Ø 250 ± 15 µm)
- High mechanical and full rodent protection provided by Steel Wire Braid (SWB) armor
- Halogen Free jacket
- Length marking in meters for easy determination of the cable length

Cross Section



Specifications

IEC 60794-1-2	
Min. Bend Radius installation (E6):	20 x Ø
Min. Bend Radius operation (E11):	20 x Ø
Temperature Range (F1):	
– Transport/Storage	-30 °C to +70 °C
– Installation	-5 °C to +50 °C
– Operation	-30 °C to +70 °C
Watertightness (F5):	Pass
Other	
Flame Retardant:	IEC 60332-3-25
Halogen Free:	IEC 60754-1
Non Corrosive:	IEC 60754-2
Smoke Density:	IEC 61034-2

Characteristics

Loose Tube	Fiber Count	Diameter (mm)	Weight (kg/km)	Crush Resistance (kN/m)	Tensile Strength (short term) N	Tensile Strength (permanent) N	Fire Load (kJ/m)
IEC 60794-1-2					E1	E1	
GUHA*xx	4 to 24	10.0	127	25	1250	420	1509

Ordering Information

Fiber Type/Count	4	6	8	12	16	24
62.5/125-OM1	GUHA104	GUHA106	GUHA108	GUHA112	GUHA116	GUHA124
50/125-OM2	GUHA204	GUHA206	GUHA208	GUHA212	GUHA216	GUHA224
50/125-OM3	GUHAD04	GUHAD06	GUHAD08	GUHAD12	GUHAD16	GUHAD24
50/125-OM4	GUHAE04	GUHAE06	GUHAE08	GUHAE12	GUHAE16	GUHAE24
9/125 ITU G.652D	GUHA804	GUHA806	GUHA808	GUHA812	GUHA816	GUHA824
9/125 ITU G.655 C & D	GUHA704	GUHA706	GUHA708	GUHA712	GUHA716	GUHA724
Std. plywood reel (non-returnable)	Ø 1000 x 588 mm, Weight 50.0 kg					
Std. delivery length	2100 ± 100 m					

Fiber Color Coding

No.		No.		No.		No.		No.		No.	
1	Red	5	Green	9	Orange	13	Red + ring	17	Green + ring	21	Orange + ring
2	Natural	6	Violet	10	Turquoise	14	Natural + ring	18	Violet + ring	22	Turquoise + ring
3	Yellow	7	Brown	11	Pink	15	Yellow + ring	19	Brown + ring	23	Pink + ring
4	Blue	8	Black	12	White	16	Blue + ring	20	Grey + ring	24	White + ring