

Emne:

VS: Commscope 9-1593105-1

Universal Loose Tube non-metallic cables contain up to 24 individually identifiable fibers within a single gel-filled polymeric loose tube, which is then strengthened with E-Glass strength members for rodent resistance and oversheathed with Universal LSZH jacket for internal/external applications.

Features:

- Compact construction for optimum space utilisation
- ULSZH sheath flame retardant and resistant to UV and water ingress
- Suitable for direct burial in ducts
- Rodent resistant
- Totally non-metallic - light and easy to carry and install
- Longitudinal and lateral waterblocking
- Fibers color coded according to TIA/EIA-568, for easy identification
- Temperature Range:
 - transport/storage: -20 °C to +60 °C
 - installation: -5 °C to +50 °C
 - operation: -20 °C to +60 °C
- Crush Resistance: 2000 N

Optional designs (on request):

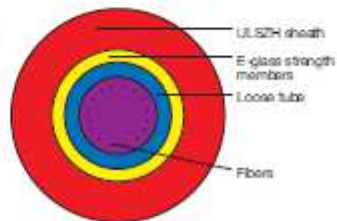
- Aramid yarns
- Increased diameter with higher installation tension
- A composite or hybrid cable is available on request which is a construction of singlemode and multimode fibers in the same design
- Sheaths in a wide range of colors
- Dry waterblocked tubes

Standards:

Cable properties	IEC 60794
Flammability	IEC 60332 parts 1 & 3
Smoke Emission	IEC 61034 parts 1 & 2
Acid Gas Emission	IEC 60754 parts 1 & 2
Toxicity	NES 713



I/A-DQ(ZN)BH



Applications:

Ideal for use either inside or outside buildings. Intrabuilding links in a campus environment are possible. Also suitable for outdoor areas with intermittent flooding or moisture exposure.

Mechanical Characteristics – Universal Loose Tube

Cable Type	Nominal Cable OD (mm)	Nominal Weight (kg/km)	Installation Tension (N)	Min. Installation Bend Radius (mm)	Static Bend Radius (mm)	Combustion Energy (MJ/m)	Part Numbers		
							50/125 µm	62.5/125 µm	9/125 µm
2f	6.4	48	1250	140	130	0.80	Y-1593090-1	Y-1593091-3	0-1593092-6
4f	6.4	48	1250	140	130	0.80	Y-1593093-1	Y-1593094-3	0-1593095-6
6f	6.4	48	1250	140	130	0.80	Y-1593096-1	Y-1593097-3	0-1593098-6
8f	6.4	48	1250	140	130	0.80	Y-1593099-1	Y-1593100-3	0-1593101-6
12f	6.4	48	1250	140	130	0.80	Y-1593105-1	Y-1593106-3	0-1593107-6
16f	6.4	48	1250	140	130	0.80	Y-1593108-1	Y-1593109-3	0-1593110-6
24f	8.0	62	1250	150	140	1.20	Y-1593042-1	Y-1593043-3	0-1593044-6

Standard sheath colors indicate fiber type:
 orange = 50/125; Part Number suffix -1
 grey = 62.5/125; Part Number suffix -3
 yellow = 9/125; Part Number suffix -6

Fiber and buffer colors (TIA/EIA 568)

- 1-4 blue, orange, green, brown
- 5-8 grey, white, red, black
- 9-12 yellow, violet, pink, turquoise
- 13-16 (16 fiber cables) magenta, olive, dark green, natural
- 13-24 (24 fiber cables) as 1-12, then same colors banded, except black replaced by natural banded

Y- Bandw. Cat.	Y- Bandw. Cat.
2- 500/500 OM2	0- 200/800 OM1
7- 600/1200 OM2 750	7- 350/800 OM1 500
8- 1500/500 OM3	
9- 3500/500 OM4 (OFL)	