

GYTC8H Round Self-Support Cable

FTTH

Cable structure:



Description:

GYTC8H Round Self-Support Cable use 900um flame-retardant tight buffer fiber as optical communication medium. The tight buffer fiber wrapped with a layer of yarn as strength member units, Then the wire rope is integrated into an 8 - shaped LSZH sheath cable.

Features:

- High strength Kevlar yarn member.
- Excellent temperature performanc.
- Suitable for installation, operation, and convenient for maintenance.

Application:

- Outdoor aerial application.
- Used in the FTTH projects.
- High speed optical routes in building.

Technical parameters

Cable type	OD (mm)	Nominal Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100MM)		Bending Radius (mm)	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
GYTC8H-1Xn	$(3.5 \pm 0.1) * (6.5 \pm 0.3)$	40.5	1200	600	1000	300	20D	15D
GYTC8H-2Xn	$(5.0 \pm 0.1) * (8.0 \pm 0.3)$	42.0	1200	600	1000	300	20D	15D
GYTC8H-3Xn	$(5.0 \pm 0.1) * (8.0 \pm 0.3)$	43.5	1200	600	1000	300	20D	15D
GYTC8H-4Xn	$(5.0 \pm 0.1) * (8.0 \pm 0.3)$	45.0	1200	600	1000	300	20D	15D
Storage/Working temperature (°C)			-20~+60					

Note: Xn is fiber optic model and D is the diameter of optical cable.

Packing and Reel Length

- ★.Standard wooden drum with protection.
- ★.Standard reel length:2/3 km/reel, other length is also available.