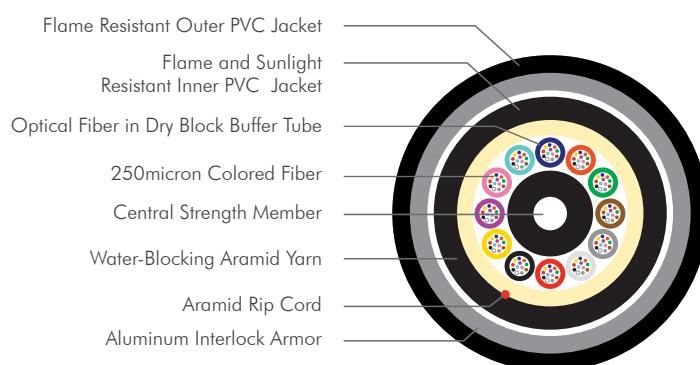


HFCH6 Series

Dry Interlock Armor Indoor/Outdoor Loose Tube Cable



FEATURES AND BENEFITS

- Superior crush resistance
- Eliminates the need for inner duct or conduit, thus saving installation time
- All-dry construction eliminates cleanup
- OFCR and OFCP ratings allow AIA products to be installed throughout the facility
- UL 1666 Flame Rating

APPLICATIONS

- Intra/interbuilding backbones, such as conduit pathways or tunnels
- Conduit/duct/tray pathways

Series HFCH6, 2 to 144 fiber, Dry Loose Tube Aluminum Interlocking Armored cable consists of a PVC overall jacket, PVC inner jacket with a standard 2 to 144 fiber Dry Loose Tube Indoor/Outdoor core cable. The core is shielded with spiral-wrapped, aluminum armor that simplifies installation and provides optimal crush resistance for added protection.

Offered with:

Corning® SMF-28® Ultra OS2

Corning® ClearCurve® in OM2 – OM5

ClearCurve and SMF-28 are registered trademarks of Corning Incorporated.



HFCH6 Series

Dry Interlock Armor Indoor/Outdoor Loose Tube Cable

Cable Properties

Fiber Count	Nominal OD (mm)	Bend Radius (cm)	Weight (lb/km)	Tensile Rating, Short Term/Long Term (lb)	Storage & Operating Temperature (°C)	Crush Rating (lb/in)
2-12	13	26	322	600/300	-40 to +70	57
24-48	16.2	32.4	479	600/300	-40 to +70	57
72	19.4	38.8	682	600/300	-40 to +70	57
96	23.7	47.4	775	600/300	-40 to +70	57
144	23.7	47.4	797	600/300	-40 to +70	57

Optical Properties

	OS2	OM1	OM2	OM3	OM4	OM5
Core Size (μm)	9	62.5	50	50	50	50
Wavelength (nm)	1310/1550	850/1300	850/1300	850/1300	850/1300	850/1300
Max Attenuation (dB/km)	0.50/0.40	3.5/1.5	3.5/1.5	3.0/1.0	3.0/1.0	3.0/1.0
Link Length (m)	10,000/5,000 (1/10 Gb/s @1550nm)	300 (1/10 Gb/s @850nm)	150 (1/10 Gb/s @850nm)	300 (10 Gb/s @850nm)	550 (10 Gb/s @850nm)	550 (10 Gb/s @850nm)
Bandwidth (EMB High Performance) (MHZ-km)	—	220 @850nm	750 @850nm	2000 @850nm	4700 @850nm	4700 @850nm

Cable Configurator

	Catalog Number
xxx = Fiber count (002 to 144 strand)	HFCH6xxxjdBK
j = 'P' for OFCP Plenum 'R' for OFCR Riser	
d = '6' for OM1 '5' for OM2 '4' for OM4 '3' for OM3 'S' for SM	

Example: **HFCH6048P4BK**

Description: 48 fiber, plenum, OM4, black