

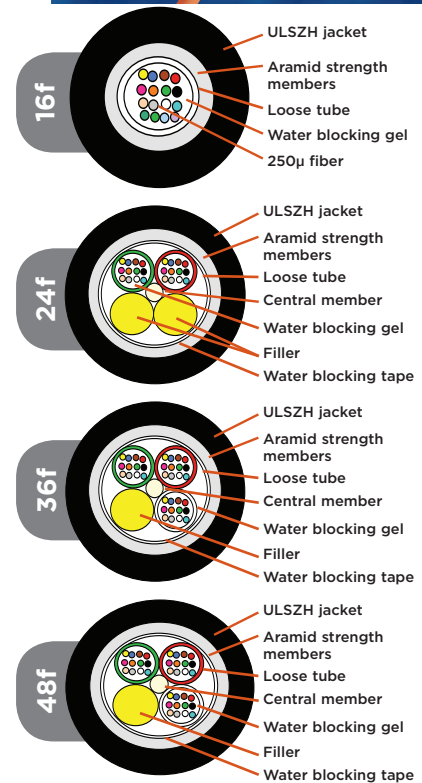
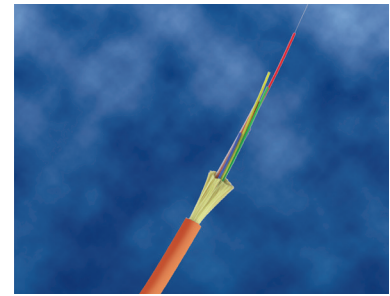
# Fiber Optic Cabling

## System Cable

### Internal/External Loose Tube Cable

#### FEATURES

- Universal Low Smoke Zero Halogen (ULSZH)
- For indoor and outdoor applications
- Loose tube construction
- Dry tube construction also available
- Suitable for all termination techniques
- Fiber categories: OM1, OM1 *Plus*, OM2, OM2 *Plus*, OM3 *XG*, OM4 *XG<sub>A</sub>*, OS2
- Aramid strength members



#### ORDERING INFORMATION

Description	Gel filled tube version Part Number	Dry tube version Part Number	Y-	Reel size
Fiber count: 4	Y-599160-X	Y-599152-X	1-	1 Kilometer
Fiber count: 6	Y-599161-X	Y-599153-X	2-	2 Kilometer
Fiber count: 8	Y-599162-X	Y-599154-X	3-	3 Kilometer
Fiber count: 12	Y-599164-X	Y-599156-X	4-	4 Kilometer
Fiber count: 16	Y-599165-X	Y-599157-X		
Fiber count: 24 (multi-tube)	Y-599167-X	Y-599159-X	<b>-X Fiber category</b>	
Fiber count: 24 (uni-tube)	Y-1716000-X	-	-2	OM4 <i>XG<sub>A</sub></i>
Fiber count: 48	Y-599609-X	Y-599605-X	-3	OM3 <i>XG</i>
Fiber count: 72	Y-599610-X	Y-599606-X	-4	OS2
Fiber count: 96	Y-599611-X	Y-599607-X	-5	OM1
			-6	OM2 <i>Plus</i>
			-7	OM2
			-9	OM1 <i>Plus</i>

#### MECHANICAL PERFORMANCE

Fiber count	No. of tubes/fillers	Overall Ø (mm)	Weight (kg/km)	Installation tension max. during installation (N)	Crush resistance (N)	Combustion Energy (MJ/m)	Minimum bend radius during installation (mm)
4, 6, 8, 12	1	6.4	33	500	2000	0.886	140
16, 24	1	7.5	44	500	2000	1.65	150
24, 48	4	11.5	125	1000	2000	3.35	170
72	6	12.7	155	2700	2000	4.302	250
96	8	15	210	2700	2000	6.076	300

#### TEMPERATURE RANGE

Cable type	Transport/Storage	Installation	Operation
Dry, loose tube	- 10 to + 60 °C	- 5 to + 50 °C	- 10 to + 60 °C
Gel filled, loose tube	- 20 to + 60 °C	- 5 to + 50 °C	- 20 to + 60 °C

#### PACKAGING

For drum size see page 140

Fiber count	1km	2km	3km	3km
4,6,8,12	P8	P8	P10	P10
16, 24 uni	P8	P10	P10	P10
24 multi, 48	P12	P12	P12	P14
72	P12	P12	P14	P17
96	P12	P14	P17	P17