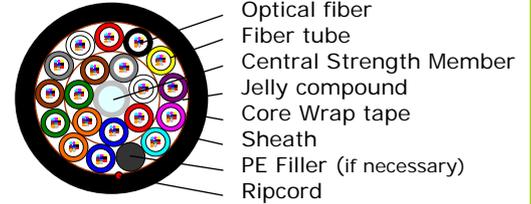


Duct Cable Light G192 ~ G360

Duct Channel Light from Mercury is a metal free outdoor cable is the equivalent to QXXE with a lean, more flexible design. The cable is particularly suited for ducting in cable ducts, and comes with fibre tubes and a jelly-filled cable core. It can be supplied with dry cable core by placing an inquiry at our office. The optical fibres and tubes are color coded for easy identification. The cable is supplied with G.652D fibre as standard, but other types of fibre can be supplied on request. Typical applications are e.g. telecommunications backbone network expansion, or for attaching distribution points in FTTH deployment.



- 12 fibres per tube
- SM G.652D fibre as standard, G.655, G.657 as an option
- HDPE sheath by default, LSOH as option
- SZ stranding
- All fibre tubes are color coded for easy identification
- Relatively low weight and small diameter cable provides easy handling

Dimensions and characteristics

Fibre	Primary coated G.652D as standard, G.655, G.657 as option								
Fibre number*	192	240	288	312	324	336	348	360	
Fibre per tube	12	12	12	12	12	12	12	12	12
Number of tubes/PE filler	Layer 1	7/0	7/0	9/0	10/0	12/0	12/0	12/0	12/0
	Layer 2	9/4	13/0	15/0	16/0	15/3	16/2	17/1	18/0
Tube diameter (mm)	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2
cable diameter (mm)	14,3	14,3	15,6	16,3	17,8	17,8	17,8	17,8	17,8
Thickness of the sheath nominal (mm)	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Cable weight nominal (kg/km)	176	179	214	233	271	272	273	274	
Min. bend radius (mm)	Permanent	290	290	310	330	360	360	360	360
	Installation	580	580	620	660	720	720	720	720
Max. stretch (N)	Permanent	1650	1650	1900	1900	2000	2000	2000	2000
	Installation	3300	3300	3800	3800	4000	4000	4000	4000
Material in the sheath	HDPE as standard, LSOH as option								
Temperature (°C)	Transport	-40 ~ +70							
	Installation	-10 ~ +50							
	Operation	-40 ~ +70							

Other combinations of fiber per tube can be delivered on request

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Color code fiber

Fiber nr.	Colour
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Turks

Color code tub

Tube nr.	Colour
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Turks
13~18	Natural

Ordering information

3D192NF-P3R	G192 Duct cable Light, G.652D fiber, loose tube
3D240NF-P3R	G240 Duct cable Light, G.652D fiber, loose tube
3D288NF-P3R	G288 Duct cable Light, G.652D fiber, loose tube
3D312NF-P3R	G312 Duct cable Light, G.652D fiber, loose tube
3D324NF-P3R	G324 Duct cable Light, G.652D fiber, loose tube
3D336NF-P3R	G336 Duct cable Light, G.652D fiber, loose tube
3D348NF-P3R	G348 Duct cable Light, G.652D fiber, loose tube
3D360NF-P3R	G360 Duct cable Light, G.652D fiber, loose tube

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