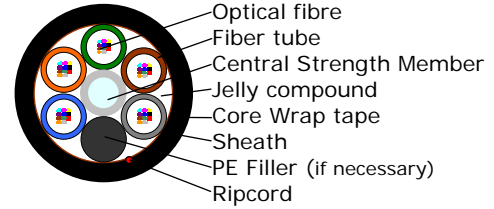


## Duct Cable Light G12 ~ G144

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	12	24	36	48	72	96	144
Fibre per tube*	12	12	12	12	12	12	12
Number of tubes/PE filler	1/5	2/4	3/3	4/2	6/0	8/0	12/0
Tube diameter (mm)	2,2	2,2	2,2	2,2	2,2	2,2	2,2
cable diameter (mm)	8,7	8,7	8,7	8,7	8,7	10,2	13,1
Thickness of the sheath nominal (mm)	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Cable weight nominal (kg/km)	68	68	68	68	69	94	151
Min. bend radius (mm)	Permanent	180	180	180	180	200	260
	Installation	360	360	360	360	400	520
Max. stretch (N)	Permanent	850	850	850	850	1200	1600
	Installation	1700	1700	1700	1700	2400	3300
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

Gigacom Türkiye

Sales Office : Haluk Türksoy Arkası Sok.  
No:2 K:1 D:3 Altunizade  
Üsküdar / İstanbul TR-34662

Tel : +90(216) 474 13 14  
Fax : +90(216) 474 76 77  
E-mail : info@gigacom-tr.com  
Web : www.gigacom-tr.com

**Color code fiber**

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

**Ordering information**

3D012NF-P3R	G12 Duct cable Light, G.652D fiber, loose tube
3D024NF-P3R	G24 Duct cable Light, G.652D fiber, loose tube
3D036NF-P3R	G36 Duct cable Light, G.652D fiber, loose tube
3D048NF-P3R	G48 Duct cable Light, G.652D fiber, loose tube
3D072NF-P3R	G72 Duct cable Light, G.652D fiber, loose tube
3D096NF-P3R	G96 Duct cable Light, G.652D fiber, loose tube
3D144NF-P3R	G144 Duct cable Light, G.652D fiber, loose tube

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Tel : +90(216) 474 13 14  
Fax : +90(216) 474 76 77  
E-mail : info@gigacom-tr.com  
Web : www.gigacom-tr.com