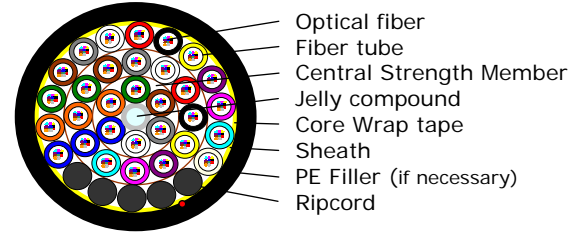


Duct Cable Light G372 ~ G432

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*		372	384	396	408	420	432
Fibre per tube		12	12	12	12	12	12
Number of tubes/PE filler	Layer 1	6/0	6/0	6/0	6/0	6/0	6/0
	Layer 2	12/0	12/0	12/0	12/0	12/0	12/0
	Layer 3	13/5	14/4	15/3	16/2	17/1	18/0
Tube diameter (mm)		2,2	2,2	2,2	2,2	2,2	2,2
Cable diameter (mm)		17,9	17,9	17,9	17,9	17,9	17,9
Thickness of the sheath nominal (mm)		1,0	1,0	1,0	1,0	1,0	1,0
Cable weight nominal (kg/km)		272	273	274	275	276	277
Min. bend radius (mm)	Permanent	360	360	360	360	360	360
	Installation	720	720	720	720	720	720
Max. stretch (N)	Permanent	2000	2000	2000	2000	2000	2000
	Installation	4000	4000	4000	4000	4000	4000
Material in the sheath		HDPE as standard, LSOH as option					
Temperature (°C)	Transport	-40 ~ +70					
	Installation	-10 ~ +50					
	Drift	-40 ~ +70					

Other combinations of fiber per tube can be delivered on request

Colour code fibre

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

Colour 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

3D372NF-KWP3R	G372 Duct Cable Light, G.652D fiber, loose tube
3D384NF-KWP3R	G384 Duct Cable Light, G.652D fiber, loose tube
3D396NF-KWP3R	G396 Duct Cable Light, G.652D fiber, loose tube
3D408NF-KWP3R	G408 Duct Cable Light, G.652D fiber, loose tube
3D420NF-KWP3R	G420 Duct Cable Light, G.652D fiber, loose tube
3D432NF-KWP3R	G432 Duct Cable Light, G.652D fiber, loose tube

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