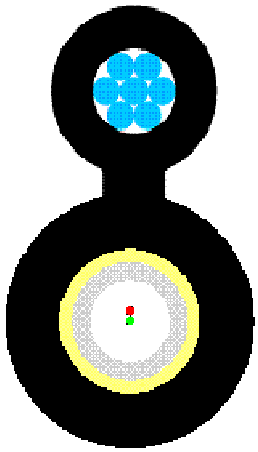
QXWE-O/AM2,7-JS/W

Aerial cable – spiral space

Outdoor
Steel messenger wire(7 x 0,7 mm)
Non-metallic cable core
Unitube core element

Aerial self-supporting (figure 8) drop cable for access networks. The outer sheath is made of abrasion resistant polyethylene. The figure-8 construction allows easy installation with cable grips attached to the messenger wire. The cable core is completely jelly filled to prevent moisture penetration. The cable core is non-metallic and can be easily separated from the steel messenger wire to eliminate problems with induced high voltages in termination and splice points. The fibres are protected in jelly filled plastic unitube core element. Each fibre and fibre-groups are colour coded for easy identification during splicing and termination. The outer sheath is marked to show fibre type and cable type.



Weight and dimensions

Number of fibres	Number of fibres/group	Number of fibre groups	Diameter over secondary coating (mm)	Diameter over outer sheath (mm)	Height (mm)	Cable weight (kg/km)
4	4	1	5.0	7.9	13.6	85
8	8	1	5.0	7.9	13.6	85
12	12	1	5.0	7.9	13.6	85
24	12	2	5.0	7.9	13.6	85

Other fibre counts are available on request*).

Cable properties

Tensile strength (IEC 60794-1-2E1)	3000 N	**Temperature window**	
Max tensile load during installation	2500 N	Operation	-40°C to +70°C
Max tensile load during operation		Installation	-15°C to +60°C
Crush (IEC 60794-1-2E3)	2000 N/10cm	Storage	-40°C to +70°C
Impact (IEC 60794-1-2E4)	1 impacts, 15J	**Water tightness** (IEC 60794-1-2F5)	< 3 m/24 hours
Torsion, cable core (IEC 60794-1-2E7)	±1 turn/1m		
Bending radius			
During installation (min)	200 mm		
Final installation (min)	100 mm		

Ordering information

9/125 fibre(SMF652D), Black		
Part no. Cable code		
631024 G4-9/125 QXWE-O/AM2,7-JS/W		
631025 G8-9/125 QXWE-O/AM2,7-JS/W		
631026 G12-9/125 QXWE-O/AM2,7-JS/W		
631027 G24-9/125 QXWE-O/AM2,7-JS/W		

We reserve the right to alter this specification without notice.