

Non Metallic Rodent Resistant Cable

'Mono' or 'Uni' Tube Construction

(2-12 Fibres)

OQ7U**EW0^^BK

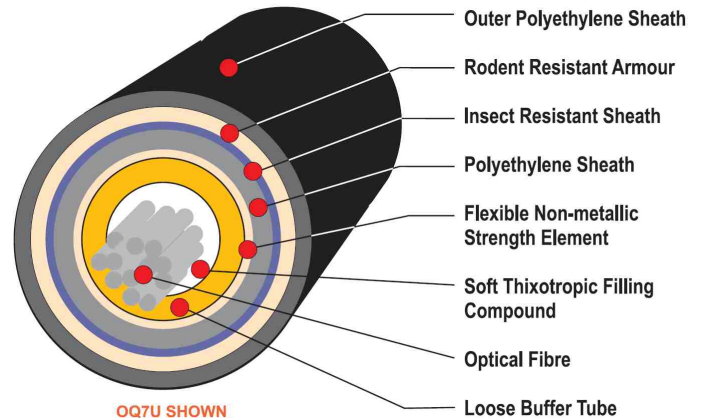
Stranded Loose Tube Construction

(13-36 Fibres)

OK7U**PA0^^BK

(37-96 Fibres)

OM7U**GA0^^BK



** Denotes fibre Type - 10 = S/Mode OM1

1c = S/mode G652.d (Zero water peak)

62 = M/Mode OM1, 62.5um

50 = M/mode OM2, 50um

53 = M/Mode OM3, 50um

^^ Denotes Core Count

Description

Optimal Non Metallic Rodent Resistant Cable is designed to provide an all dielectric cable that provides improved resistance to rodent attack. It can be directly buried, ploughed or installed in conduits and ducts or installed on trays. The Glass composite armour also significantly increases the tensile strength and general robustness of the cable.

Optical fibres are contained in an axial jelly filled loose tube strengthened with flexible non-metallic strength elements bonded to the inner polyethylene sheath. A insect resistant Nylon jacket goes over this polyethylene sheath. The glass composite armour is then applied and a further polyethylene sheath is then applied over the armour.

Options available

- * Alternative types of Single Mode fibre (e.g. G655, Non Zero Dispersion fibre. NZDF).
- * Alternative types of Multi-Mode fibre (e.g. OFS LaserWave 550, extended distance 10Gb/s).
- * Composite mix of Single mode and Multi mode fibres.
- * Alternative fibre counts to the examples shown below.

Part No Mono Tube (a)	Part No. Loose Tube (b)	No of fibres	Fibre Type	Nom. O.D. (Mm)	Nom. Weight Kg/Km	Min. Bending Radius (mm)		Max. Attenuation dB/Km (Typical)		
						No load	Full load	850nm	1310nm	1550nm
OQ7U10EW006BK		6	Single Mode G652 (OS1)	12	120	10xOD	20xOD	-	0.35	0.22
OQ7U10EW008BK		8	Single Mode G652 (OS1)	12	120	10xOD	20xOD	-	0.35	0.22
OQ7U10EW012BK		12	Single Mode G652 (OS1)	12	120	10xOD	20xOD	-	0.35	0.22
	OK7UICPA012BK	12	Single Mode G652.d (ZWP)	14	160	10xOD	20xOD	-	0.34	0.21
	OK7UICPA024BK	24	Single Mode G652.d (ZWP)	14	160	10xOD	20xOD	-	0.34	0.21
	OK7U62PA036BK	36	Single Mode G652.d (ZWP)	14	160	10xOD	20xOD	-	0.34	0.21
	OM7U1CGA048BK	48	Single Mode G652.d (ZWP)	19	245	10xOD	20xOD	-	0.34	0.21
	OM7U1CGA060BK	60	Single Mode G652.d (ZWP)	19	245	10xOD	20xOD	-	0.34	0.21
	OM7U1CGA072BK	72	Single Mode G652.d (ZWP)	19	245	10xOD	20xOD	-	0.34	0.21
	OM7U1CGA096BK	96	Single Mode G652.d (ZWP)	19	245	10xOD	20xOD	-	0.34	0.21

Note - Designs are subject to continual improvement and may change. Contact Optimal for latest information