

opticalCON QUAD Extreme Mil-Tac

Cable Assembly Technical Information

Technical Information

Product	
Title	opticalCON QUAD X-TREME
Gender	male
Mechanical	
Cable retention	500 N
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime (typ.)	5000 mating cycles
Wiresize	
Locking device	Push-Pull
Material	
Boot	Rubber (EPDM)
Bushing	Zinc diecast (ZnAl4Cu1)
Insert	Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
Strain relief	Polyacetal (POM) (brass)

Environmental	
Temperature range	-40 °C to +75 °C
Protection class	in mated condition IP65
Optical	
Fiber type	Multimode PC Singlemode PC
Insertion loss	< 0.45 dB / connection
Optical wiring	ISO / IEC 11801
Mobile cable	
Colour	black, matte
Core diameter	single mode 9 µm, multi mode 50 µm
Cladding diameter	125 µm
Comment	PUR
minimal bending radius	9.2 cm
Number of fibers	4
Cable retention	Aramid yarn
Weigth	82 kg/km
Overall diameter	9.2 mm
Outer shield	coated glass yarn