



HITRONIC® HQN Outdoor Cable



Info

- Outdoor cable with central buffer tube

Benefits

- F.O. Glass Fibre Optical cable for outdoor with nonmetallic Glass yarn strength members
- Easy to install due to compact structure, high flexibility, robust sheath and small bending radius
- Methods of Deployment: empty plastic pipes, ducts and trays

Application range

- For outdoor use
- Campus backbone
- WAN applications
- Industrial environment

Product features

- Central loose tube with up to 24 fibres
- Robust and halogen-free PE outer sheath
- Longitudinal watertight
- Protection against rodent
- High tensile strength

Approvals (Norm references)



Product Make-up

- Fibres with primary coating
- Gel-filled loose tube
- Glass yarns with water-blocking tape
- PE outer sheath
- Colour: black (similar to RAL 9005)

Technical data

- Standard designation**
A-DQ(ZN)B2Y
- Range of temperature**
Operation: -20 °C to +60 °C
Laying: 0 °C to +50 °C
- Permissible bending radius**
fixed installation: 20 x cable diameter
- Permissible tensile force**
1.000 N to 2.500 N

Part number	Article designation	Fibre type	Number of fibres	Tension load capacity in N	Outer diameter in mm max.
HITRONIC® HQN 1000 Multimode G 50					
2760041	HITRONIC® HQN1000 4G 50/125	50/125	4	1,000	6.5
2760081	HITRONIC® HQN1000 8G 50/125	50/125	8	1,000	6.5
2760121	HITRONIC® HQN1000 12G 50/125	50/125	12	1,000	6.5
2760241	HITRONIC® HQN1000 24G 50/125	50/125	24	1,000	6.8
HITRONIC® HQN 1000 Multimode G 62.5					
2761041	HITRONIC® HQN1000 4G 62.5/125	62,5/125	4	1,000	6.5
2761081	HITRONIC® HQN1000 8G 62.5/125	62,5/125	8	1,000	6.5
2761121	HITRONIC® HQN1000 12G 62.5/125	62,5/125	12	1,000	6.5
2761241	HITRONIC® HQN1000 24G 62.5/125	62,5/125	24	1,000	6.8
HITRONIC® HQN 1000 Singlemode E 9					
2762041	HITRONIC® HQN1000 4E 9/125	9/125	4	1,000	6.5
2762081	HITRONIC® HQN1000 8E 9/125	9/125	8	1,000	6.5
2762121	HITRONIC® HQN1000 12E 9/125	9/125	12	1,000	6.5
2762241	HITRONIC® HQN1000 24E 9/125	9/125	24	1,000	6.8
HITRONIC® HQN 1500 Multimode G 50					
276004	HITRONIC® HQN1500 4G 50/125	50/125	4	1,500	7.5
276008	HITRONIC® HQN1500 8G 50/125	50/125	8	1,500	7.5
276012	HITRONIC® HQN1500 12G 50/125	50/125	12	1,500	7.5
276024	HITRONIC® HQN1500 24G 50/125	50/125	24	1,500	7.8
HITRONIC® HQN 1500 Multimode G 62.5					
276104	HITRONIC® HQN1500 4G 62.5/125	62,5/125	4	1,500	7.5
276108	HITRONIC® HQN1500 8G 62.5/125	62,5/125	8	1,500	7.5
276112	HITRONIC® HQN1500 12G 62.5/125	62,5/125	12	1,500	7.5
276124	HITRONIC® HQN1500 24G 62.5/125	62,5/125	24	1,500	7.8
HITRONIC® HQN 1500 Singlemode E 9					
276208	HITRONIC® HQN1500 8E 9/125	9/125	8	1,500	7.5
276212	HITRONIC® HQN1500 12E 9/125	9/125	12	1,500	7.5
276224	HITRONIC® HQN1500 24E 9/125	9/125	24	1,500	7.8
HITRONIC® HQN2500 Multimode G 50					
276304	HITRONIC® HQN2500 4G 50/125	50/125	4	2,500	9.6
276308	HITRONIC® HQN2500 8G 50/125	50/125	8	2,500	9.6
276312	HITRONIC® HQN2500 12G 50/125	50/125	12	2,500	9.6
276324	HITRONIC® HQN2500 24G 50/125	50/125	24	2,500	9.8
HITRONIC® HQN2500 Multimode G 62.5					
276404	HITRONIC® HQN2500 4G 62.5/125	62,5/125	4	2,500	9.6
276408	HITRONIC® HQN2500 8 G 62.5/125	62,5/125	8	2,500	9.6
276412	HITRONIC® HQN2500 12G 62.5/125	62,5/125	12	2,500	9.6
HITRONIC® HQN2500 Singlemode E 9					
276508	HITRONIC® HQN2500 8E 9/125	9/125	8	2,500	9.6
276512	HITRONIC® HQN2500 12E 9/125	9/125	12	2,500	9.6
276524	HITRONIC® HQN2500 24E 9/125	9/125	24	2,500	9.9

The cables can also be supplied as cut-to-measure LWL trunks. Special multimode fibres (50/125 OM3) for 10 Gigabit Ethernet operation on request.

