

## Applications of HITRONIC® fibre-optic cable components at a glance

Usage criteria	LAPP plastic fibre-optic cables (POF) – range										PCF fibre optic cable range											
	Page	480	481	482	483	483	481 482	484	484	484					491	492	492	493	494	494	494	494
		HITRONIC® POF SIMPLEX PE	HITRONIC® POF SIMPLEX PE-PUR	HITRONIC® POF DUPLEX PE	HITRONIC® POF DUPLEX PE-PUR	HITRONIC® POF DUPLEX HEAVY PE-PUR	HITRONIC® POF SIMPLEX/DUPLEX FD PE-PUR	HITRONIC® POF DUPLEX PNB PA-PUR	HITRONIC® POF DUPLEX PNB PA-PVC	HITRONIC® POF DUPLEX FD PNC PA-PUR					HITRONIC® PCF SIMPLEX Outdoor	HITRONIC® PCF DUPLEX FRNC-PUR Indoor	HITRONIC® PCF DUPLEX FRNC-PE Outdoor	HITRONIC® PCF DUPLEX FD	HITRONIC® PCF DUPLEX PNB PVC-PVC A	HITRONIC® PCF DUPLEX PNB PVC-PVC	HITRONIC® PCF DUPLEX FD PNC PVC-PUR	HITRONIC® PCF DUPLEX FD PNC PVC-PVC
<b>Properties</b>																						
For indoor use		✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓
For outdoor use														✓		✓						
For aerial use																						
Installation by blowing/compressed air																						
Direct burial																						
Armoured																	✓					
Rodent protection																						
Flame-retardant (IEC 60332)			✓		✓	✓	✓	✓	✓	✓						✓		✓	✓	✓	✓	✓
Fire-resistant (IEC 60331-25)																						
Water-tight																						
UV-resistant		✓		✓										✓		✓						
Power/drag chain																						
Flexible							✓	✓	✓	✓							✓	✓	✓	✓	✓	✓
Torsion -resistant																						
Reelable																						
Halogen-free		✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓
Low-smoke emission		✓		✓										✓	✓	✓	✓	✓	✓	✓	✓	✓
PROFINET compliant									✓	✓	✓											

Usage criteria	GOF fibre optic cable range																
	Page	498	499	501	500	503	504	502	505	506	507	508	509	510	511	512	513
		HITRONIC® FIRE	HITRONIC® TORSION, A/J-V(ZN)H11Y	HITRONIC® HRM-FD, A/J-V(ZN)H(ZN)11Y	HITRONIC® HDM, A/J-V(ZN)11Y	HITRONIC® HQN Outdoor Cable, A-DQ(ZN)B2Y	HITRONIC® HVN Outdoor Cable, A-DQ(ZN)B2Y	HITRONIC® HVN-Mini Outdoor Cable, A-DQ(ZN)2Y	HITRONIC® HQW Armoured Outdoor Cable, A-DQ(ZN)(SR)2Y	HITRONIC® HWV Armoured Outdoor Cable, A-DQ(ZN)(SR)2Y	HITRONIC® HQW-Plus Armoured Outdoor Cable, A-DQ(ZN)2Y(SR)2Y	HITRONIC® HOA Aerial Cable, A-DQ(ZN)B2Y	HITRONIC® HOA-Plus Aerial Cable, A-DO2Y(ZN)B2Y	HITRONIC® HUN Universal Cable, A/J-DO(ZN)BH	HITRONIC® HUW Armoured Outdoor Cable, A/J-DO(ZN)(SR)H	HITRONIC® HRH Breakout Cable, J-V(ZN)HH	HITRONIC® HDH Mini Breakout Cable, J-V(ZN)H
<b>Properties</b>																	
For indoor use		✓	✓	✓	✓												
For outdoor use		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
For aerial use																	
Installation by blowing/compressed air																	
Direct burial																	
Armoured		✓															
Rodent protection		✓															
Flame-retardant (IEC 60332)		✓	✓	✓	✓												
Fire-resistant (IEC 60331-25)		✓	✓	✓	✓												
Water-tight		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UV-resistant		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power/drag chain																	
Flexible			✓	✓	✓												
Torsion -resistant			✓														
Reelable																	
Halogen-free		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low-smoke emission		✓		✓													

PLEASE NOTE: the standard lengths for fibre-optic cables are 100 m and 500 m; any other lengths will incur a surcharge.  
O. r. = on request