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

Usage criteria	LAPP plastic fibre-optic cables (POF) – range													PCF fibre optic cable range							
	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	
Properties																					
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																				
	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® HVW Armoured Outdoor Cable, A-DQ(ZN)(SR)2Y	HITRONIC® HQW-Plus Armoured Outdoor Cable, A-DQ(ZN)2Y(SR)2Y	HITRONIC® HQA Aerial Cable, A-DQ(ZN)B2Y	HITRONIC® HQA-Plus Aerial Cable, A-DQ2Y(ZN)B2Y	HITRONIC® HUN Universal Cable, A/J-DQ(ZN)BH	HITRONIC® HUW Armoured Outdoor Cable, A/J-DQ(ZN)(SR)H	HITRONIC® HRH Breakout Cable, J-V(ZN)HH	HITRONIC® HDH Mini Breakout Cable, J-V(ZN)H					
Properties																					
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