



POF cable specifications		I-V2Y(ZN)H 2×1P980/1000	I-V4Y(ZN)11Y 2P980/1000 HEAVY	I-V2Y(ZN)Y 2P980/1000	I-V2Y(ZN)11Y 2P980/1000	I-V2Y(ZN)11Y 2P980/1000 FLEX	
<b>Order no.</b>		84D03000S222	84D01100S333	84D01600S333	84D02000S333	84D00500S333	
<b>Composition</b>	Buffer tube material	PE	PA	PE	PE	PE	
	Outer jacket material	FRNC	PUR	PVC	PUR	PUR	
	No. of POF elements (980/1000 μm)	2	2	2	2	2	
	Outer Ø [mm]	3.6 × 7.5	6.0	6.0	5.6	6.4	
<b>Mechanical properties</b>	Min. bending radius [mm]	during installation	70	60	90	90	90
		long-term	50*	40	60	60	60
	Max. pull force [N]	short-term	400	500	400	400	200
		long-term	100	200	100	100	100
	Approx. cable weight [kg/km]	28	33	54	28	30	
<b>Thermal properties</b>	Operating temperature [°C]	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70	
<b>Attenuation</b>	[dB/km] at 650 nm (Laser)	< 190	< 160	< 200	< 200	< 220	
	[dB/km] at 660 nm (LED)	< 290	< 230	< 290	< 290	< 350	

\* over flat side