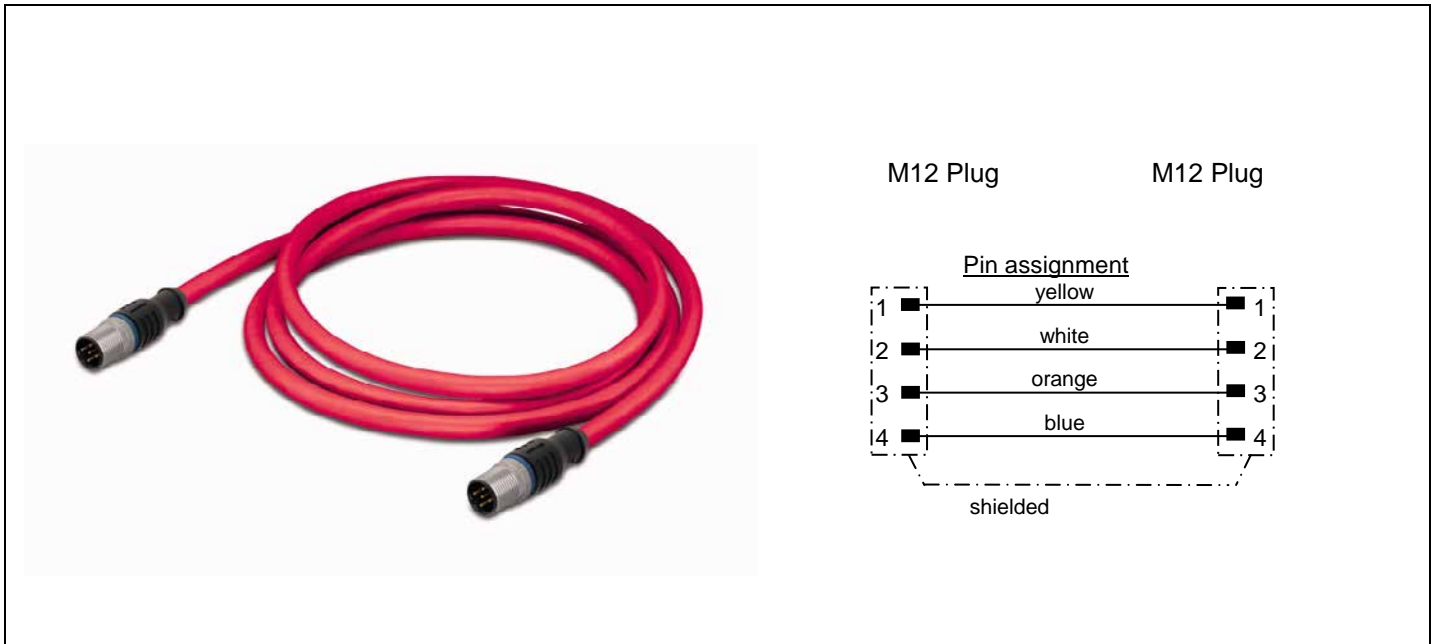


sercos Cable

1/2

for WAGO \equiv SPEEDWAY 767

Data Sheet



Description	Item No.	Pack. unit pcs
sercos cable, with both ends of cable fitted, D coded		
M12 plug, straight, M12 plug, straight, 2.0 m	756-1603/0060-0020	1
M12 plug, straight, M12 plug, straight, 5.0 m	756-1603/0060-0050	1
M12 plug, straight, M12 plug, srtaight, 10.0 m	756-1603/0060-0100	1
M12 plug, straight, M12 plug, staright, 20.0 m	756-1603/0060-0200	1
Special lengths on request		
Short description:	Technical Data	
<ul style="list-style-type: none"> PUR RD, halogen-free CAT 5e ES Suitable for drag chains Free of silicon and CFC Good resistance to microbes, hydrolysis, oil, ozone and UV radiation. Good chemical resistance. UL approved 	<p>General</p> <p>Operating voltage 250 V</p> <p>Operating current 4 A acc. to IEC 60512-3</p> <p>Rated surge voltage 2 kV (wire/wire/screen rms 50 Hz 1 min)</p> <p>Insulation resistance $\geq 5 \times 10^8 \Omega \cdot \text{km}$</p> <p>Contact resistance $\leq 10 \text{ m}\Omega$</p> <p>Resistance of conductor $< 57 \Omega/\text{km}$</p> <p>Pollution degree 3/2 acc. to IEC 60664-1</p> <p>Degree of protection IP67 acc. to IEC 60529</p> <p>Operating temperature $-40 \text{ }^\circ\text{C} \dots +70 \text{ }^\circ\text{C}$ (static and moving)</p> <p>Bending radius single: min. 4x cable \varnothing repeated: min. 8 x cable \varnothing</p> <p>Drag chain suitability</p> <p>Bending diameter min. 200 mm</p> <p>Bending cycles ≥ 3 million</p> <p>Acceleration max. 4 m/s²</p> <p>Traversing rate max. 4 m/s</p> <p>Traverse path max. 10 m horizontal</p> <p>Torsion max. $\pm 30^\circ/\text{m}$</p> <p>Cable</p> <p>Type code 02YH(ST)C11Y 2x2x0.75/1.5-100 LI RT VZN FRNC, shielded</p> <p>Note Constr. Acc. to UL File E119100 Vol.1 Sec.13 Page 1 and Vol.2 Sec.5</p> <p>Overall shield Overlapped aluminum-laminated foil and tinned copper braid, 85 % optical coverage</p> <p>Conductor Bare copper wire (7 x 0.25 mm)</p> <p>Insulation Halogen-free PE</p>	

