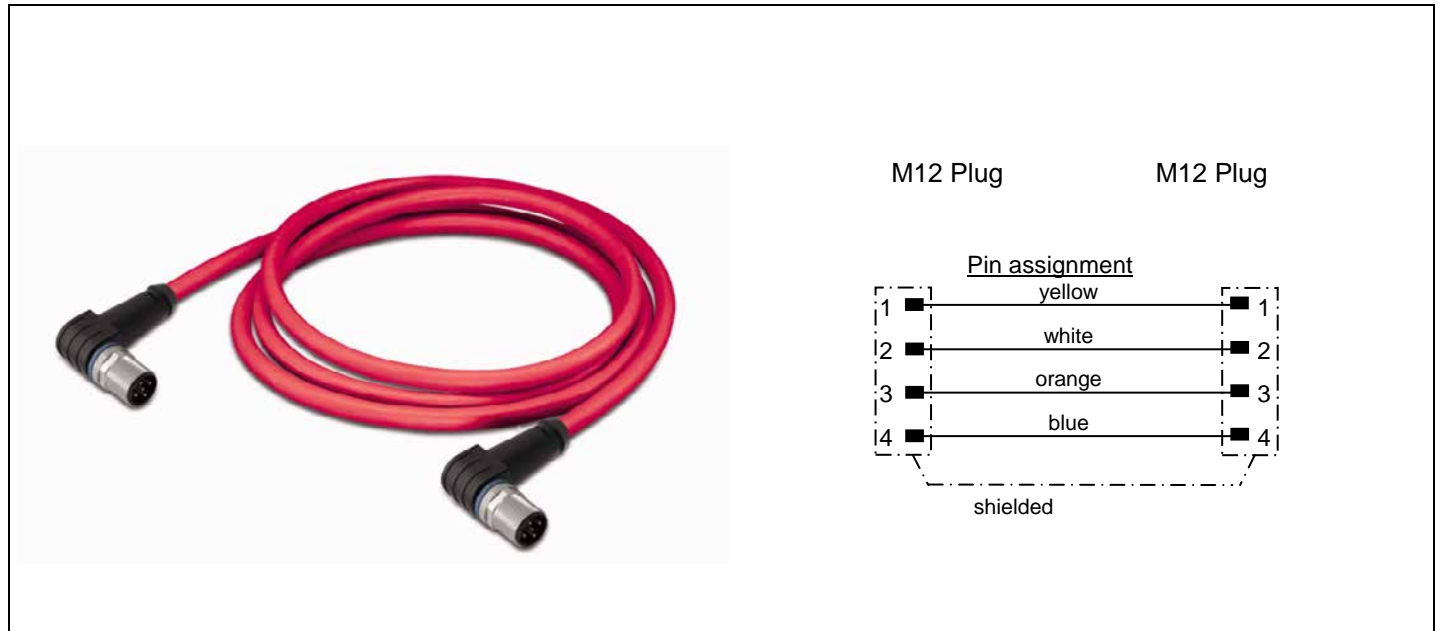


sercos Cable

for WAGO \equiv SPEEDWAY 767

Data Sheet



Description	Item No.	Pack. unit pcs																																										
sercos cable, with one end of cable fitted, D coded																																												
M12 plug, right angle, M12 plug, right angle, 2.0 m	756-1604/0060-0020	1																																										
M12 plug, right angle, M12 plug, right angle, 5.0 m	756-1604/0060-0050	1																																										
M12 plug, right angle, M12 plug, right angle, 10.0 m	756-1604/0060-0100	1																																										
M12 plug, right angle, M12 plug, right angle, 20.0 m	756-1604/0060-0200	1																																										
Special lengths on request																																												
<p>Short description:</p> <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>Technical Data</p> <p>General</p> <table border="1"> <tr><td>Operating voltage</td><td>250 V</td></tr> <tr><td>Operating current</td><td>4 A acc. to IEC 60512-3</td></tr> <tr><td>Rated surge voltage</td><td>2 kV (wire/wire/screen rms 50 Hz 1 min)</td></tr> <tr><td>Insulation resistance</td><td>$\geq 5 \times 10^9 \Omega \times \text{km}$</td></tr> <tr><td>Contact resistance</td><td>$\leq 10 \text{ m}\Omega$</td></tr> <tr><td>Resistance of conductor</td><td>$< 57 \Omega/\text{km}$</td></tr> <tr><td>Pollution degree</td><td>3/2 acc. to IEC 60664-1</td></tr> <tr><td>Degree of protection</td><td>IP67 acc. to IEC 60529</td></tr> <tr><td>Operating temperature</td><td>-40 °C ... +70 °C (static and moving)</td></tr> <tr><td>Bending radius</td><td>single: min. 4x cable Ø repeated: min. 8 x cable Ø</td></tr> </table> <p>Drag chain suitability</p> <table border="1"> <tr><td>Bending diameter</td><td>min. 200 mm</td></tr> <tr><td>Bending cycles</td><td>≥ 3 million</td></tr> <tr><td>Acceleration</td><td>max. 4 m/s²</td></tr> <tr><td>Traversing rate</td><td>max. 4 m/s</td></tr> <tr><td>Traverse path</td><td>max. 10 m horizontal</td></tr> <tr><td>Torsion</td><td>max. 30°/m</td></tr> </table> <p>Cable</p> <table border="1"> <tr><td>Type code</td><td>02YH(ST)C11Y 2x2x0.75/1.5-100 LI RT VZN FRNC, shielded</td></tr> <tr><td>Note</td><td>Constr. Acc. to UL File E119100 Vol.1 Sec.13 Page 1 and Vol.2 Sec.5</td></tr> <tr><td>Overall shield</td><td>Overlapped aluminum-laminated foil and tinned copper braid, 85 % optical coverage</td></tr> <tr><td>Conductor</td><td>Bare copper wire (7 x 0.25 mm)</td></tr> <tr><td>Insulation</td><td>Halogen-free PE</td></tr> </table>		Operating voltage	250 V	Operating current	4 A acc. to IEC 60512-3	Rated surge voltage	2 kV (wire/wire/screen rms 50 Hz 1 min)	Insulation resistance	$\geq 5 \times 10^9 \Omega \times \text{km}$	Contact resistance	$\leq 10 \text{ m}\Omega$	Resistance of conductor	$< 57 \Omega/\text{km}$	Pollution degree	3/2 acc. to IEC 60664-1	Degree of protection	IP67 acc. to IEC 60529	Operating temperature	-40 °C ... +70 °C (static and moving)	Bending radius	single: min. 4x cable Ø repeated: min. 8 x cable Ø	Bending diameter	min. 200 mm	Bending cycles	≥ 3 million	Acceleration	max. 4 m/s ²	Traversing rate	max. 4 m/s	Traverse path	max. 10 m horizontal	Torsion	max. 30°/m	Type code	02YH(ST)C11Y 2x2x0.75/1.5-100 LI RT VZN FRNC, shielded	Note	Constr. Acc. to UL File E119100 Vol.1 Sec.13 Page 1 and Vol.2 Sec.5	Overall shield	Overlapped aluminum-laminated foil and tinned copper braid, 85 % optical coverage	Conductor	Bare copper wire (7 x 0.25 mm)	Insulation	Halogen-free PE
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