



Technical Data

Cordage Construction		Diameters (In)
Cordage Part Number	100	
Component 1	3 COND	
a) Conductor	22 (26/36) AWG Bare Copper	0.027
b) Insulation	0.010" Wall, Nom. mPPE	0.047
Insulation Colors	Black, Brown & Blue	
Jacket	0.046" Wall, Nom. PUR, Zero Halogen	0.200
a) Color(s)	SLATE	
Cord Configuration		
End 1	M8 Female	
End 2	M8 Male	
Insert	Black TPU	
Mold Color	Black TPU	
Contact	Copper Alloy, Gold plated	
Coupling Nut	Copper Alloy, Nickel plated	
Available Lengths	0.6, 1, 3, 5, 10, 15, 20 Meters	
Applicable Specifications-		
Cable		
UL	AWM/STYLE 20549	80°C / 300 V _{RMS}
	AWM/STYLE 21959	90°C / 600 V _{RMS}
CSA International	C(RU) AWM I/II A/B FT1	90°C / 600 V _{RMS}
Applicable Specifications- Cord Set		
UL	ANSI/UL 2238, Cable Assembly Extension RU, UL File Number E485156	





PART NO: GR03HR100 M8 Female to M8 Male

CSA	CSA-C22.2 No. 182.3, Special Use	
	Attachment Plugs, Receptacles and	
	Connectors	
	cRU, UL File Number E485156	
Nominal Voltage	60 V	
Rated Voltage	63 V	
Ingress Protection	IP67/NEMA 6P	
Environmental Compliance		
CE	All materials used in the manufacture of	
	this part meet the requirements of	
	European Directive 2011/65/EU regarding	
	the restriction of use of certain hazardous	
	substances in electrical and electronic	
	equipment. Exemption used; 6a.	
REACH Regulation (EC	This product does not contain Substances	
1907/2006)	of Very High Concern (SVHC) listed on the	
	European Union's REACH candidate list in	
	excess of 0.1% mass of the item.	
Physical & Mechanical		
Properties		
Temperature Range, Cord	-50 to 90°C(static), -40 to 80°C (dynamic)	
Bend Radius	4X Cable Diameter (static), 6X Cable	
	Diameter (dynamic)	
Pull Tension	15.3 Lbs, Maximum	
Current Rating	2.7 Amps @ 50°C	
Ordering Information		
GR03HR100 SL355	0.6 Meters	
GR03HR100 SL356	1.0 Meters	
GR03HR100 SL357	3.0 Meters	
GR03HR100 SL358	5.0 Meters	
GR03HR100 SL359	10.0 Meters	
GR03HR100 SL400	15.0 Meters	
GR03HR100 SL401	20.0 Meters	
Standard Package	Each	

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