



Technical Data

Cordage Construction		Diameters (In)
Cordage Part Number	102	
Component 1	5 COND	
a) Conductor	22 (26/36) AWG Bare Copper	0.027
b) Insulation	0.010" Wall, Nom. mPPE	0.047
Insulation Colors	Black, White, Brown, Blue & Green/Yellow	
Jacket	0.040" Wall, Nom. PUR, Zero Halogen	0.213
a) Color(s)	SLATE	
Cord Configuration		
End 1	M12-A Male	
End 2	M12-A Female	
Insert	Black TPU	
Mold Color	Black TPU	
Contact	Copper Alloy, Gold plated	
Coupling Nut	Copper Alloy, Nickel plated	
O-Ring	FKM	
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}





PART NO: DR05AR102 M12-A Male to M12-A Female

Applicable Specifications- Cord Set		
UL	ANSI/UL 2238, Cable Assembly Extension	
	RU, UL File Number E485156	
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 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	
1307/2000/	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)	
Temperature Range,	-25°C to +80°C	
Connector		
Bend Radius	4X Cable Diameter (static), 6X Cable	
	Diameter (dynamic)	
Pull Tension	20.4 Lbs, Maximum	
Current Rating	2.2 Amps @ 50°C	
Ordering Information		
DR05AR102 SL355	0.6 Meters	
DR05AR102 SL356	1.0 Meters	
DR05AR102 SL357	3.0 Meters	
DR05AR102 SL358	5.0 Meters	
DR05AR102 SL359	10.0 Meters	
DR05AR102 SL400	15.0 Meters	
DR05AR102 SL401	20.0 Meters	
Standard Package	Each	

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