

Model Number 508	2 COND+DRAIN WIRE, SHIELDED CABLE, 0.190	Revision: NR ECN #: 46915
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	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Number of Conductors	2	2	
Cable Style	Multi Conductor - Shielded	Multi Conductor - Shielded	
Cable Configuration	Twisted Pair	Twisted Pair	
Environmental			
Temperature Range	-58 to +250 °F	-50 to +121 °C	[2]
Electrical			
Capacitance(conductor to conductor @ 70 °F (21 °C))	19.5 pF/ft	64 pF/m	[1]
Capacitance(conductor to shield / drain @ 70 °F (21 °C))	38.1 pF/ft	125 pF/m	[1]
Physical			
Cable Jacket Diameter(+/-0.010 in)	0.190 in	4.83 mm	[3]
Cable Jacket Material	Polyurethane	Polyurethane	
Cable Jacket Color	Black	Black	
Conductor Style	Stranded - 19 strands 32 AWG	Stranded - 19 strands 32 AWG	
Conductor Material	Tin Plated Copper	Tin Plated Copper	
Conductor Diameter(22 AWG)	0.050 in	1.27 mm	[3]
Insulation Material Over Conductor(s)	FEP	FEP	
Shield Type Over Bundle	Braid: 90% Minimum Coverage	Braid: 90% Minimum Coverage	
Shield Material Over Bundle	Tin Plated Copper	Tin Plated Copper	
Drain Wire Material	Tin Plated Copper	Tin Plated Copper	
Filler Material	FR Polypropylene	FR Polypropylene	
Bend Radius(minimum)	1.9 in	48.3 mm	
Weight	0.41 oz/ft	38.1 gm/m	[1]
ROHS Compliant	Yes	Yes	
<i>All specifications are at room temperature unless otherwise specified.</i>			
<i>In the interest of constant product improvement, we reserve the right to change specifications without notice.</i>			
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OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:
 [1] Typical.
 [2] This cable is cRU certified to a maximum temperature of 90°C (194°F).
 [3] Nominal.

Entered: LK	Engineer: GD	Sales: MC	Approved: NJF	Spec Number:
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