## **Detailed Specifications & Technical Data**



## 8018 Hook-up/Lead - Aluminum Ground Wire

Call Customer Service 1-800-BELDEN1

For more Information please call

1-800-Belden1



## **General Description:**

8 AWG solid soft annealed aluminum conductor. Packaged in ten 50-foot connected coils or spools of 500 feet. Spools are marked every 100 feet for easy measuring.

#Conductors       AWG       Stranding       Conductor Material         1       1       1         Total Number of Conductors:       1         Overall Cable       0.128 in.         Overall Cable       0.128 in.         Applicable Specifications and Agency Compliance (Overall)         Applicable Standards & Environmental Programs         EU Directive 2001/56/EU (ROHS II):       Yes         EU Directive 2002/95/EC (ROHS):       Yes         EU Directive 2002/95/EC (ROHS):       Yes         EU Directive 2002/95/EC (WEEE):       Yes         EU Directive 2002/96/EC (WEEE):       Yes         EU Directive 2003/11/EC (BFR):       Yes         EU Directive 2003/11/EC (BFR):       Yes         EU Directive 2003/96/EC (WEEE):       Yes         EU Directive 2003/11/EC (BFR):       Yes         MIL Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       Yes         Plenum (YiN):       No	Physical Characteristics (Overall)	
# Conductors AWG Stranding Conductor Material         1       8       Solid         Total Number of Conductors:       1         Overall Cable       0.128 in.         Applicable Specifications and Agency Compliance (Overall)       Applicable Standards & Environmental Programs         EU Directive 2011/65/EU (ROHS II):       Yes         EU Directive 2000/53/EC (ELV):       Yes         EU Directive 2000/53/EC (ROHS):       Yes         EU Directive 2002/95/EC (WEEE):       Yes         MI Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       Yes         Plenum (Y/N):       No         No.       Conductor DC Resistance:         DCR @ 20 <sup>2</sup> C (Ohm/1000 ft)       J.3	Conductor	
Image: Solid Soft Annealed Aluminum         Total Number of Conductors:         Image: Solid Soft Annealed Aluminum         Total Number of Conductors:         Overall Cable         Overall Nominal Diameter:         0.128 in.         Applicable Specifications and Agency Compliance (Overall)         Applicable Standards & Environmental Programs         EU Directive 2011/65/EU (ROHS II):       Yes         EU Directive 2020/53/EC (ELV):       Yes         EU Directive 2020/53/EC (ROHS):       Yes         EU Directive 2020/54/EC (ROHS):       Yes         MII Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       No         Plenum (YIN):       No         Nom. Conductor DC Resistance:       DCR: @ 20°C (Ohm/1000 ff)         1:03		
Total Number of Conductors:       1         Overall Cable       0:128 in.         Overall Nominal Diameter:       0.128 in.         Applicable Specifications and Agency Compliance (Overall)         Applicable Standards & Environmental Programs         EU Directive 2011/65/EU (ROHS II):       Yes         EU Directive 2011/65/EU (ROHS):       Yes         EU Directive 2020/53/EC (EU/):       Yes         EU Directive 2020/55/EC (ROHS):       Yes         EU Directive 2020/56/EC (WEEE):       Yes         MII Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       Non         Plenum/Non-Plenum       Non         Plenum (YiN):       No         Nom. Conductor DC Resistance:       DCR @ 20°C (Ohm/1000 f1)         1.03       1.03		
Overall Cable       0.128 in.         Applicable Specifications and Agency Compliance (Overall)         Applicable Standards & Environmental Programs         EU Directive 2011/65/EU (ROHS II):       Yes         EU Directive 2020/55/EC (EUV):       Yes         EU Directive 2020/95/EC (ROHS):       Yes         EU Directive 2020/96/EC (WEEE):       Yes         MII Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       No         Plenum (YiN):       No         Nom. Conductor DC Resistance:       DCR @ 20'C (Ohm/1000 ft)         DCR @ 20'C (Ohm/1000 ft)       100         103       Item Standards Standards Standards Standardstance		
Overall Nominal Diameter:       0.128 in.         Applicable Specifications and Agency Compliance (Overall)         Applicable Standards & Environmental Programs         EU Directive 2001/53/EC (ELV):       Yes         EU Directive 2002/53/EC (RoHS):       Yes         EU Directive 2002/56/EC (WEEE):       Yes         EU Directive 2003/11/EC (BRR):       Yes         CA Prop 65 (CJ for Wire & Cable):       Yes         Plenum/Non-Plenum       Yes         Plenum/Non-Plenum       No         Plenum (Y/N):       No	Total Number of Conductors:	1
Applicable Specifications and Agency Compliance (Overall)         Applicable Standards & Environmental Programs         EU Directive 2011/65/EU (ROHS II):       Yes         EU Directive 2000/53/EC (ELV):       Yes         EU Directive 2002/95/EC (RoHS):       Yes         EU Directive 2002/96/EC (WEEE):       Yes         CA Prop 65 (CJ for Wire & Cable):       Yes         Plenum/Non-Plenum       Yes         Plenum/(V/N):       No         Electrical Characteristics (Overall)       No         Nom. Conductor DC Resistance:       DCR @ 20°C (Ohm/1000 ft)         1:03       1:03	Overall Cable	
Applicable Standards & Environmental Programs         EU Directive 2011/65/EU (ROHS II):       Yes         EU Directive 2000/53/EC (ELV):       Yes         EU Directive 2002/95/EC (RoHS):       Yes         EU RoHS Compliance Date (mm/dd/yyyy):       01/01/2004         EU Directive 2002/96/EC (WEEE):       Yes         EU Directive 2003/11/EC (BFR):       Yes         EU Directive 2003/11/EC (BFR):       Yes         CA Prop 65 (CJ for Wire & Cable):       Yes         MII Order #39 (China RoHS):       Yes         Plenum (Y/N):       No         Electrical Characteristics (Overall)       No         Nom. Conductor DC Resistance:       DOR @ 20°C (Ohm/1000 ft)         1.03       1.03	Overall Nominal Diameter:	0.128 in.
EU Directive 2011/65/EU (ROHS II):       Yes         EU Directive 2000/53/EC (ELV):       Yes         EU Directive 2002/95/EC (RoHS):       Yes         EU RoHS Compliance Date (mm/dd/yyyy):       01/01/2004         EU Directive 2002/96/EC (WEEE):       Yes         EU Directive 2003/11/EC (BFR):       Yes         EU Directive 2003/11/EC (BFR):       Yes         CA Prop 65 (CJ for Wire & Cable):       Yes         MII Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       Yes         Plenum (Y/N):       No         Eterctical Characteristics (Overall)       No         Nom. Conductor DC Resistance:       DCR @ 20°C (Ohm/1000 ft)         1.03       1.03	Applicable Specifications and Agency Complian	ice (Overall)
EU Directive 2000/53/EC (ELV):       Yes         EU Directive 2002/95/EC (RoHS):       Yes         EU RoHS Compliance Date (mm/dd/yyyy):       01/01/2004         EU Directive 2002/96/EC (WEEE):       Yes         EU Directive 2003/11/EC (BFR):       Yes         CA Prop 65 (CJ for Wire & Cable):       Yes         MII Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       Yes         Plenum (Y/N):       No         Electrical Characteristics (Overall)         Nom. Conductor DC Resistance:         DCR @ 20°C (Ohm/1000 ft)         1.03	Applicable Standards & Environmental Programs	
EU Directive 2002/95/EC (RoHS):       Yes         EU RoHS Compliance Date (mm/dd/yyyy):       01/01/2004         EU Directive 2002/96/EC (WEEE):       Yes         EU Directive 2003/11/EC (BFR):       Yes         CA Prop 65 (CJ for Wire & Cable):       Yes         MII Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       Yes         Plenum (Y/N):       No         Electrical Characteristics (Overall)         Nom. Conductor DC Resistance:       DCR @ 20°C (Ohm/1000 ft)         1.03	EU Directive 2011/65/EU (ROHS II):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):       01/01/2004         EU Directive 2002/96/EC (WEEE):       Yes         EU Directive 2003/11/EC (BFR):       Yes         CA Prop 65 (CJ for Wire & Cable):       Yes         MII Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       Yes         Plenum (Y/N):       No         Electrical Characteristics (Overall)         Nom. Conductor DC Resistance:         DCR @ 20°C (Ohm/1000 ft)         1.03	EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/96/EC (WEEE):     Yes       EU Directive 2003/11/EC (BFR):     Yes       CA Prop 65 (CJ for Wire & Cable):     Yes       MII Order #39 (China RoHS):     Yes       Plenum/Non-Plenum     Yes       Plenum (Y/N):     No	EU Directive 2002/95/EC (RoHS):	Yes
EU Directive 2003/11/EC (BFR):       Yes         CA Prop 65 (CJ for Wire & Cable):       Yes         MII Order #39 (China RoHS):       Yes         Plenum/Non-Plenum       Yes         Plenum (Y/N):       No         Electrical Characteristics (Overall)         Nom. Conductor DC Resistance:         DCR @ 20°C (Ohm/1000 ft)         1.03	EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
CA Prop 65 (CJ for Wire & Cable):     Yes       MII Order #39 (China RoHS):     Yes       Plenum/Non-Plenum     No       Plenum (Y/N):     No   Electrical Characteristics (Overall) Nom. Conductor DC Resistance:       DCR @ 20°C (Ohm/1000 ft)	EU Directive 2002/96/EC (WEEE):	Yes
MII Order #39 (China RoHS):     Yes       Plenum/Non-Plenum     No       Plenum (Y/N):     No       Electrical Characteristics (Overall)       Nom. Conductor DC Resistance:       DCR @ 20°C (Ohm/1000 ft)       1.03	EU Directive 2003/11/EC (BFR):	Yes
Plenum/Non-Plenum Plenum (Y/N): No Electrical Characteristics (Overall) Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 1.03	CA Prop 65 (CJ for Wire & Cable):	Yes
Plenum (Y/N):     No       Electrical Characteristics (Overall)       Nom. Conductor DC Resistance:       DCR @ 20°C (Ohm/1000 ft)       1.03	MII Order #39 (China RoHS):	Yes
Electrical Characteristics (Overall) Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 1.03	Plenum/Non-Plenum	
Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 1.03	Plenum (Y/N):	No
Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 1.03	Electrical Characteristics (Overall)	
1.03	Nom. Conductor DC Resistance:	
	DCR @ 20°C (Ohm/1000 ft)	
Put Ups and Colors:	1.03	
Put Ups and Colors:		
	Put Ups and Colors:	

Item # Putup Ship Weight	Color	Notes	Item Desc
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