

# Airborne Ethernet Cable

## RJ-45 to Hirose 7-Position Connectors

Model BB-ACH0-CA-DP003-G

**B+B SMARTWORX**

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### KEY FEATURES

- + NOTE: for use with these Airborne M2M models:  
BB-ABDN-ER-DP553 — serial server, open board  
BB-APXN-DP553 – access point, open board
- + Terminal Pull-out Force: 2.0 kg.
- + Continuity Testing, insulation resistance: 5 M Ohm, min.
- + Continuity Testing, conductive resistance: 1.0 M Ohm, max.
- + UL, CM, cUL, RoHS

### ORDERING INFORMATION

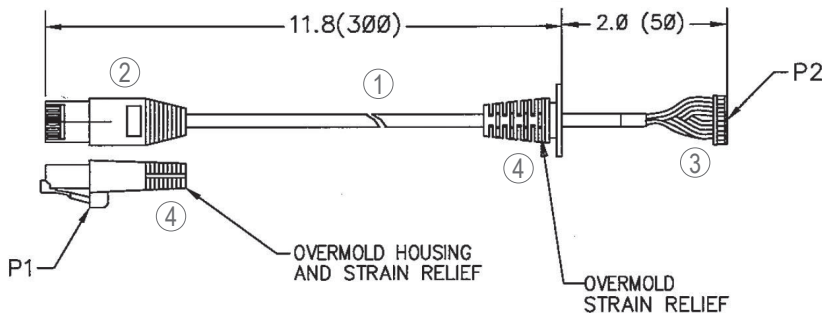
MODEL NUMBER	CONNECTOR 1	CONNECTOR 2	LENGTH	COLOR
BB-ACH0-CA-DP003-G	RJ-45	Hirose, 7-position	350 mm (13.8 in)	Gray

TABLE 1. WIRING

RJ-45P (P1)	HIROSE (P2) 7-Position	WIRE COLOR
4/5	4	Blue & Blue/White
6	5	Green
3	6	Green/White
7/8	1	Brown & Brown/White
2	2	Orange
1	3	Orange/White
–	7	(Drain)

### MECHANICAL DRAWING

Units = inches (mm)

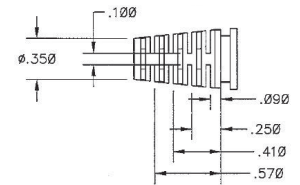


- ① Cable, UL CM+cUL, Cat-3 or better, STP, 26-28AWG stranded x 4PR, Ae, Foil Shield w/Drain Wire, PVC, OD: 0.216 +/- 0.007, Color: Gray
- ② (P1) RJ45-P connector, AMP pn# 554169 (or equivalent)
- ③ (P2) HIROSE connector, pn# DF13-7S-1.25C (or equivalent)
- ④ Strain Relief Material: PVC, 45P, Shore A 84 +/- 5.0 degrees. Color: Gray

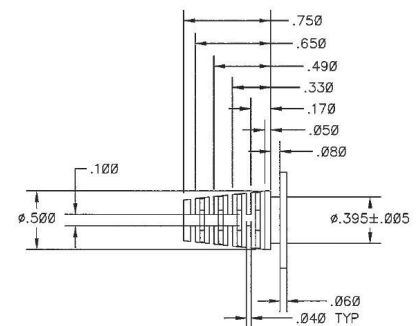
### STRAIN RELIEF MOLDINGS

Units = inches

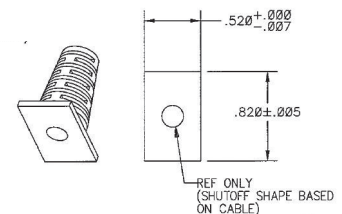
RJ-45



HIROSE  
7-position



HIROSE  
7-position  
Detail



All product specifications are subject to change without notice.

BB-ACH0-CA-DP003-G\_3718ds

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