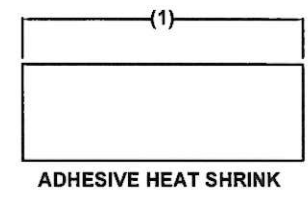
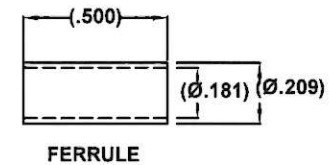
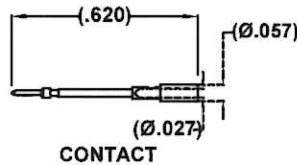
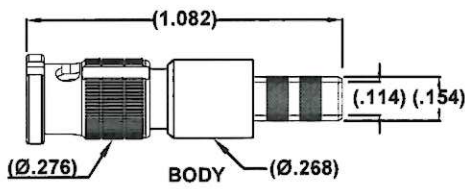


ECN	REVISION	DESCRIPTION OF CHANGE	APPROVED	DATE
958	NR	INITIAL RELEASE	CC	6-14-24



Electrical:

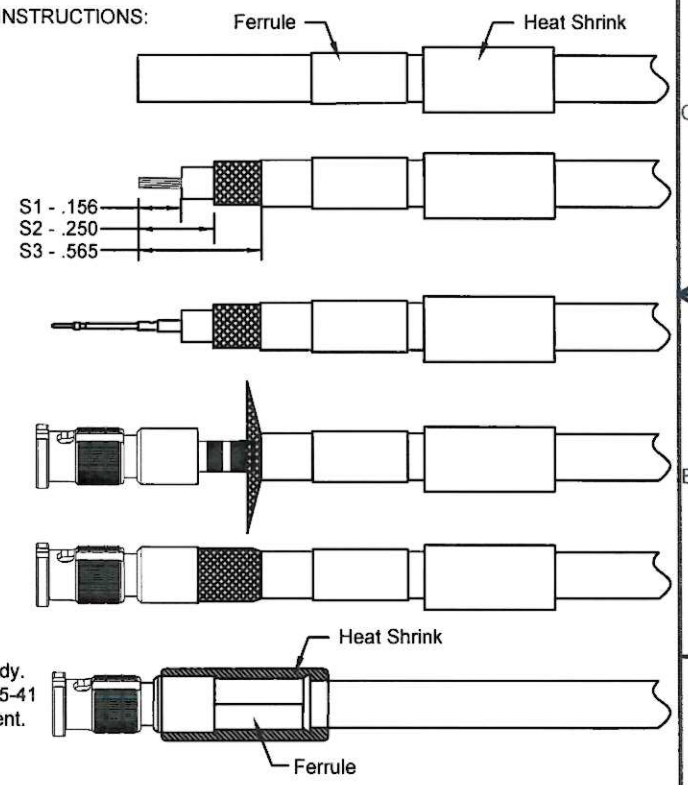
- 1.1 Frequency range: DC - 18 GHz
- 1.2 Nominal impedance: 75 Ohms
- 1.3 DWV: 1000Vrms @ sea level
- 1.4 Return Loss: 30 dB min DC-6 GHz
15 dB min DC-12 GHz
- 1.5 Insulation Resistance: 10,000 MOhms min

MATERIALS

- 2.1 Body, Bayonet Sleeve Washer and Retaining Ring: Brass, Nickel plating
- 2.2 Outer Contact: BeCu, Nickel plating
- 2.3 Contact: Phosphor Bronze, Gold plating
- 2.4 Ferrule: Copper, Nickel plating
- 2.5 Insulator: PTFE
- 2.6 Gasket-Flourosilicone, Black
- 2.7 Spring-Stainless Steel, Passivated

TERMINATION INSTRUCTIONS:

- 1) Slide heat shrink, then ferrule over end of cable prior to stripping cable. Ensure cable end is cut square.
- 2) When using automated stripping equipment, strip cable to dimensions shown. If automated stripping equipment is not available strip S1 and S3 only and trim excess shield at step 5. Care should be taken not to nick the center conductor and shield.
- 3) Install contact onto cable conductor flush with dielectric. Contact can be crimped or soldered. When crimping use CTL-15 (0.042 square die) or equivalent.
- 4) Fold all shields back perpendicular to cable using a tweezers. You may need to slit the aluminum foil before folding back.
- 5) Slide the connector onto the cable until the contact snaps into the dielectric lock of the connector. Fold all shields back over the end of the connector.
- 6) Slide the ferrule over the shield until it is against the connector body. Trim any excess shield. Crimp the ferrule using CTL-15, M22520/5-41 or Y140 die (0.178 B hex) with hand tool M22520/5-01 or equivalent. After crimping ferrule apply, adhesive heat shrink.



UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES.
ALL DIMENSIONS ARE FOR REFERENCE ONLY.

DESIGNED BY: T FORST	DATE: 6/6/2024	CHECKED BY: N. Freyso	DATE: 6/14/2024	APPROVED BY: C. C. [Signature]	DATE: 6/14/2024
		DESCRIPTION: CUSTOMER SPECIFICATION HD-BNC STRAIGHT PLUG FOR GIGAFLIGHT CABLE GF7-303D			
		CAGE CODE: 8A8D5	PART NUMBER: GFSC-2066	SHEET: 1 OF 1	
6180 Industrial Ct. Greendale WI, 53129 Tel: 414-488-6320 Fax: 414-433-9041					