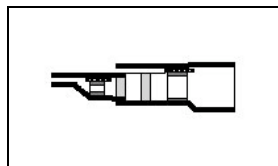


B-044-22-N Product Details



B-044-22-N

Cable Terminations

 [Always ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Applies To Coaxial Cable
- Coaxial Cable Type (RG/U or Mfg.) = 178, 404
- Jacket Outer Diameter = 3.40 mm
- Dielectric O.D. Max. = .50 - 1.70 mm
- Shield O.D. (Min.) = 1.30 - 2.30 mm

TE Internal Number: 964073-000

 [Active](#)

Documentation & Additional Information

Product Drawings:

- [Coaxial SolderSleeve Device with Pre-Installed Stran...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Preinstalled Lead Wire Size (mm² [AWG]) = 0.38 [22]
- Preinstalled Lead Stranding = Stranded
- Preinstalled Lead Type = 55A0111

Dimensions:

- Dielectric O.D. Max. (mm [in]) = 0.50 - 1.70 [0.019 - 0.067]
- Conductor Outer Diameter (mm [in]) = 0.30 - 0.80 [0.011 - 0.032]

Body Features:

- Jacket Outer Diameter (mm [in]) = 3.40 [0.134]
- Cable Shield Material = Silver, Tin
- Preinstalled Lead Plating = Tin

Housing Features:

- Shield O.D. (Min.) (mm [in]) = 1.30 - 2.30 [0.050 - 0.091]

Configuration Features:

- Coaxial Cable Type (RG/U or Mfg.) = 178, 404

Industry Standards:

- Government/Industry Qualification = No
- [RoHS/ELV Compliance](#) = ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was ELV compliant

Environmental:

- Operating Temperature (Max.) (°C) = 150

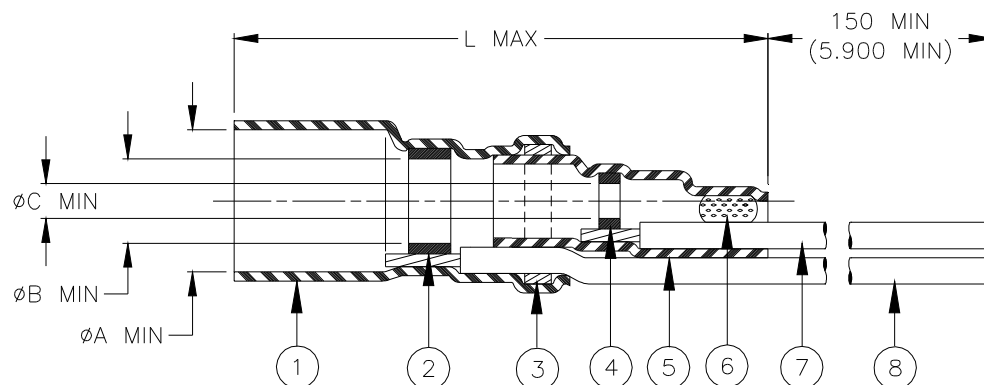
Conditions for Usage:

- Applies To = Coaxial Cable
- Cable Temperature Rating (°C) = 125

Other:

- Brand = Raychem

SPECIFICATION CONTROL DRAWING



Product Name	Component Dimensions				"GA" Wire Gauge (AWG)	Cable Dimensions				
	L max	øA min	øB min	øC min		øD	øE	øF min	G±0.5 (G±0.02)	M±0.5 (M±0.02)
B-044-20-N	28.0	3.40 (0.135)	2.30 (0.090)	0.8 (0.030)	20	1.70 (0.065) to 3.40 (0.135)	1.30 (0.050) To 2.30 (0.090)	0.30 (0.012)	16.0 (0.630)	6.0 (0.235)
B-044-22-N	(1.100)				22					
B-044-24-N	29.0 (1.142)				24					
B-044-26-N	28.0 (1.100)				26					

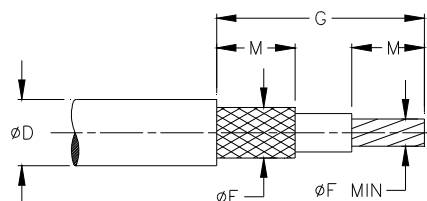
MATERIALS


1. & 5. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
2. & 4. SOLDER PREFORMS WITH FLUX:
SOLDER: TYPE Sn63 per ANSI J-STD-006.
FLUX: TYPE ROL1 per ANSI J-STD-004.
3. & 6. MELTABLE RINGS: Thermally stabilized thermoplastic.
7. CONDUCTOR LEAD: MIL-W-22759/32-GA-9, AWG "GA" (see table). ETFE insulated, stranded tin plated copper.
Color: white.
8. GROUND LEAD: MIL-W-22759/32-GA-6, AWG "GA" (see table). ETFE insulated, stranded tin plated copper.
Color: blue.

APPLICATION

1. The parts covered by this SCD are for use in terminating the primary conductor and the braided shield of a coaxial cable having tin or silver plated conductor and shield, rated for at least 125° C and meeting the dimensional requirements listed.
2. Parts will meet the requirements of Raychem Specification RT-1404 when installed per Raychem RPIP-500-03.
3. Temperature range: -55°C to +150°C.

For best results, prepare the cable as shown:



		TE Connectivity 300 Constitution Dr Menlo Park, CA 94025, U.S.A.		TITLE: COAXIAL SOLDER SLEEVE DEVICE WITH PRE-INSTALLED STRANDED WIRE		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]		Raychem		DOCUMENT NO.: B-044-GA-N		
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A ROUGHNESS IN MICRON	TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		REV: E1		DATE: 15-Apr-11
DRAWN BY: P.TALLY	CAGE CODE: 06090	REPLACES: D001334	ECO NUMBER: ECO-11-005139	SCALE: NTS		SIZE: A SHEET: 1 of 1

© 2007,2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights Reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.