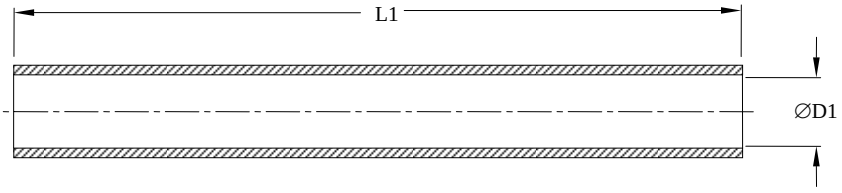
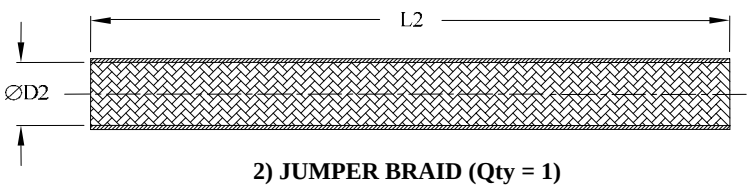
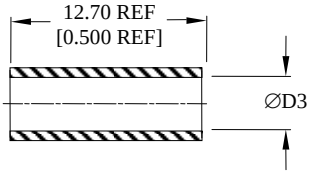
CUSTOMER DRAWING



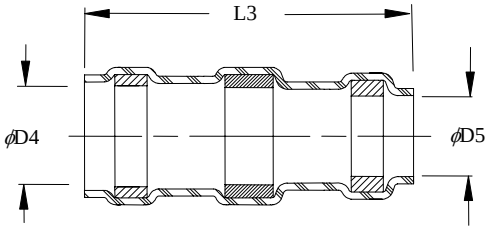
1) OUTER INSULATION SLEEVE (Qty = 1)



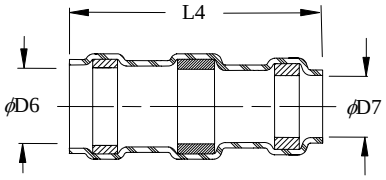
2) JUMPER BRAID (Qty = 1)



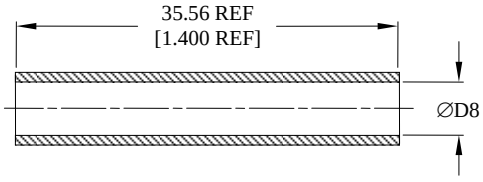
3) SEALING INSERTS, Qty.: 2



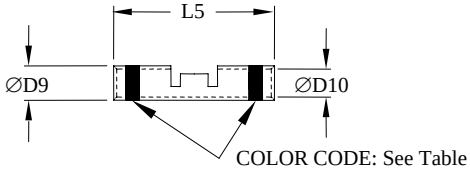
4) SOLDERSLEEVE



5) SOLDERSLEEVE



6) INNER SEALING SLEEVE, Qty.: See Table



7) CRIMP SPLICE, Qty.: See Table

OUTER INSULATION SLEEVE AND SOLDERSLEEVE DIMENSIONS

Product Name	L1 Ref	øD1		L3 Max	ØD4 Min	øD5 Min	L4 Max	øD6 Min	øD7 Min
		(1)	(2)						
D-150-0366	139.70 [5.500]	4.80 [0.190]	1.80 [0.070]	18.20 [0.715]	5.08 [0.200]	4.32 [0.170]	18.20 [0.715]	3.68 [0.145]	2.67 [0.105]
D-150-0367	116.84 [4.600]	4.80 [0.190]	1.80 [0.070]	18.20 [0.715]	5.08 [0.200]	4.32 [0.170]	18.20 [0.715]	3.68 [0.145]	2.67 [0.105]
D-150-0368	139.70 [5.500]	4.80 [0.190]	1.80 [0.070]	18.20 [0.715]	5.08 [0.200]	4.32 [0.170]	18.20 [0.715]	3.68 [0.145]	2.67 [0.105]
D-150-0369	168.00 [6.610]	4.80 [0.190]	1.80 [0.070]	18.20 [0.715]	5.08 [0.200]	4.32 [0.170]	18.20 [0.715]	3.68 [0.145]	2.67 [0.105]
D-150-0370	168.00 [6.610]	4.80 [0.190]	1.80 [0.070]	20.83 [0.820]	6.48 [0.255]	5.97 [0.235]	18.20 [0.715]	5.08 [0.200]	4.32 [0.170]
D-150-0371	168.00 [6.610]	6.35 [0.250]	3.18 [0.125]	20.83 [0.820]	7.62 [0.300]	7.00 [0.275]	20.83 [0.820]	6.48 [0.255]	5.97 [0.235]
D-150-0372	200.00 [7.875]	6.35 [0.250]	3.18 [0.125]	20.83 [0.820]	6.48 [0.255]	5.97 [0.235]	18.20 [0.715]	5.08 [0.200]	4.32 [0.170]
D-150-0373	168.00 [6.610]	6.35 [0.250]	3.18 [0.125]	20.83 [0.820]	7.62 [0.300]	7.00 [0.275]	20.83 [0.820]	6.48 [0.255]	5.97 [0.235]

(1) Minimum ID as supplied; **(2)** Maximum ID after shrinking

Tyco Electronics	Tyco Electronics 300 Constitution Dr Menlo Park, CA 94025, U.S.A.	TITLE: SHIELDED CABLE SPLICE, FLEXIBLE, NI-PLATED BRAID AND CRIMP, 200 DEG C
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]	Raychem Devices	DOCUMENT NO.: D-150-0366/-0373
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A ANGLES: N/A ROUGHNESS IN MICRON	Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.	REV: B DATE: June 19, 2009
REVISED BY: UNGUYEN CAGE CODE: 06090 ECO NUMBER: ECO-09-014622		SCALE: NTS SIZE: A SHEET: 1 of 2

© 2008-2009 Tyco Electronics Corporation. All rights reserved.
If this document is printed it becomes uncontrolled. Check for the latest revision.

CUSTOMER DRAWING

JUMPER BRAID, SEALING RINGS, INNER SEALING SLEEVE AND CRIMP SPLICE DIMENSIONS

Product Name	L2 Min (3)	øD2 Ref	øD3 Min	Qty:	AWG Range	Color Code	ØD8 Min	L5±0.25 [L5±0.010]	øD9	øD10
D-150-0366	101.60 [4.000]	4.34 [0.171]	2.58 [0.102]	1	26 - 20	Red	3.30 [0.130]	12.70 [0.500]	2.02 [0.080] 1.90 [0.075]	1.34 [0.053] 1.14 [0.045]
D-150-0367	85.0 [3.300]	4.34 [0.171]	3.27 [0.129]	1	20 - 16	Blue	3.30 [0.130]	14.60 [0.575]	2.72 [0.107] 2.54 [0.100]	1.78 [0.070] 1.60 [0.063]
D-150-0368	85.0 [3.300]	7.90 [0.312]	4.12 [0.162]	1	16 - 12	Yellow	4.06 [0.160]	14.60 [0.575]	3.94 [0.155] 3.71 [0.146]	2.67 [0.105] 2.41 [0.095]
D-150-0369	139.70 [5.500]	8.80 [0.344]	4.12 [0.162]	2	20 - 16	Blue	3.30 [0.130]	14.60 [0.575]	2.72 [0.107] 2.54 [0.100]	1.78 [0.070] 1.60 [0.063]
D-150-0370	139.70 [5.500]	8.80 [0.344]	4.12 [0.162]	2	20 - 16	Blue	3.30 [0.130]	14.60 [0.575]	2.72 [0.107] 2.54 [0.100]	1.78 [0.070] 1.60 [0.063]
D-150-0371	139.70 [5.500]	8.80 [0.344]	5.18 [0.204]	2	16 - 12	Yellow	4.06 [0.160]	14.60 [0.575]	3.94 [0.155] 3.71 [0.146]	2.67 [0.105] 2.41 [0.095]
D-150-0372	139.70 [5.500]	8.80 [0.344]	4.62 [0.182]	3	20 - 16	Blue	4.80 [0.190]	14.60 [0.575]	2.72 [0.107] 2.54 [0.100]	1.78 [0.070] 1.60 [0.063]
D-150-0373	139.70 [5.500]	8.80 [0.344]	5.82 [0.230]	3	16 - 12	Yellow	4.06 [0.160]	14.60 [0.575]	3.94 [0.155] 3.71 [0.146]	2.67 [0.105] 2.41 [0.095]

(3) Minimum Length on a ∅D2 OD mandrel

MATERIALS

1. OUTER INSULATION SLEEVE: Heat-shrinkable, transparent clear, modified polytetrafluorethylene with meltable liner
2. JUMPER BRAID: Nickel-plated copper alloy.
3. SEALING INSERTS: Meltable liner. Qty.: 2
4. SOLDERSLEEVE: Qty.: 1
   INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
   SOLDER PREFORM WITH FLUX:
   SOLDER: TYPE Sn96 per ANSI / J-STD-006.
   FLUX: TYPE ROM1 per ANSI / J-STD-004.
   MELTABLE RINGS: Environment resistant modified thermoplastic fluoroelastomer. Color: light blue.
5. SOLDERSLEEVE: Qty.: 1
   INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
   SOLDER PREFORM WITH FLUX:
   SOLDER: TYPE Sn96 per ANSI / J-STD-006.
   FLUX: TYPE ROM1 per ANSI / J-STD-004.
   MELTABLE RINGS: Environment resistant modified thermoplastic fluoroelastomer. Color: light blue.
6. INNER SEALING SLEEVE: Heat-shrinkable, transparent clear, modified polytetrafluorethylene with meltable liner
7. CRIMP SPLICE: Ni-plated copper. Color Code & Qty.: See table.
   Base Metal: Copper Alloy 101 or 102 per ASTM B-75.
   Plating: Nickel per SAE AMS-QQ-N-290.

APPLICATION

1. These Cable Splice kits may be used to obtain an immersion resistant cable splice. Both conductors and shield shall be nickel-plated and cables most be rated for not less than 150ºC.
2. Temperature rating: -65ºC to + 200°C.
3. Install using a Raychem-approved hot-air heaters or equivalent. Use Tyco Electronics Raychem AD-1377 crimp tool (or equivalent tool) to install crimp splices Item #6.

Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]

© 2008-2009 Tyco Electronics Corporation. All rights reserved.
If this document is printed it becomes uncontrolled. Check for the latest revision.