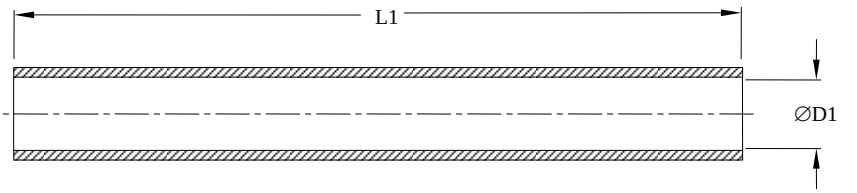
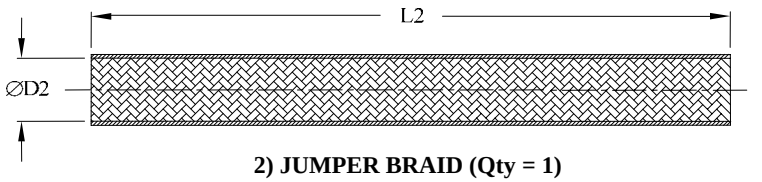
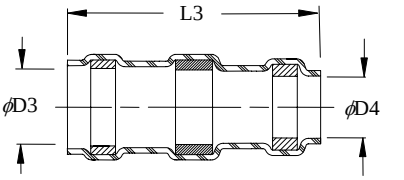
CUSTOMER DRAWING



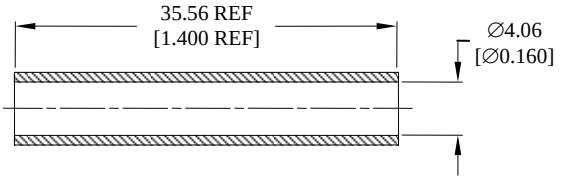
1) OUTER INSULATION SLEEVE (Qty = 1)



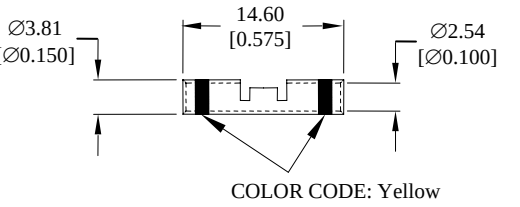
2) JUMPER BRAID (Qty = 1)



3) SOLDERSLEEVE, Qty.: 2



4) INNER SEALING SLEEVE, Qty.: See Table



5) CRIMP SPLICE, Qty.: See Table

OUTER INSULATION SLEEVE, JUMPER BRAID, AND SOLDERSLEEVE DIMENSIONS

Product Name	L1 Nom	øD1		L2 Min (3)	øD2 Ref	L3 Max	øD3 Min	øD4 Min	Sleeve & Crimp	
		(1)	(2)						AWG	Qty
D-150-0374	139.70 [5.500]	4.82 [0.190]	1.78 [0.070]	84.00 [3.300]	7.92 [0.312]	18.20 [0.715]	3.68 [0.145]	2.67 [0.105]	16-12	1
D-150-0375	168.00 [6.615]	6.35 [0.250]	3.18 [0.125]	139.70 [5.500]	8.74 [0.344]	20.80 [0.819]	6.48 [0.255]	5.97 [0.235]	16-12	2
D-150-0376	168.00 [6.615]	6.35 [0.250]	3.18 [0.125]	139.70 [5.500]	8.74 [0.344]	20.80 [0.819]	6.48 [0.255]	5.97 [0.235]	16-12	3

(1) Minimum ID as supplied; **(2)** Maximum ID after shrinking; **(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. SOLDERSLEEVE: Qty.: 2
   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.
4. INNER SEALING SLEEVE: Heat-shrinkable, transparent clear, modified polytetrafluorethylene with meltable liner. Qty: See Table.
5. CRIMP SPLICE: Ni-plated copper. Color Code: Yellow. Qty.: See table.
   Base Metal: Copper Alloy 101 or 102 per ASTM B-75.
   Plating: Nickel per SAE AMS-QQ-N-290.

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-150-0374/-0376	
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: A	DATE: 7-Mar-08
DRAWN BY: PTALLY	CAGE CODE: 06090 / REPLACES: - / ECO NUMBER: 08-006158	SCALE: NTS	SIZE: A / SHEET: 1 of 2

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CUSTOMER DRAWING

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 barrel.

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

DOCUMENT NO.:	REV:	ECO NUMBER:	DATE:	SHEET:
D-150-0374/-0376	A	08-006158	7-Mar-08	2 of 2

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