

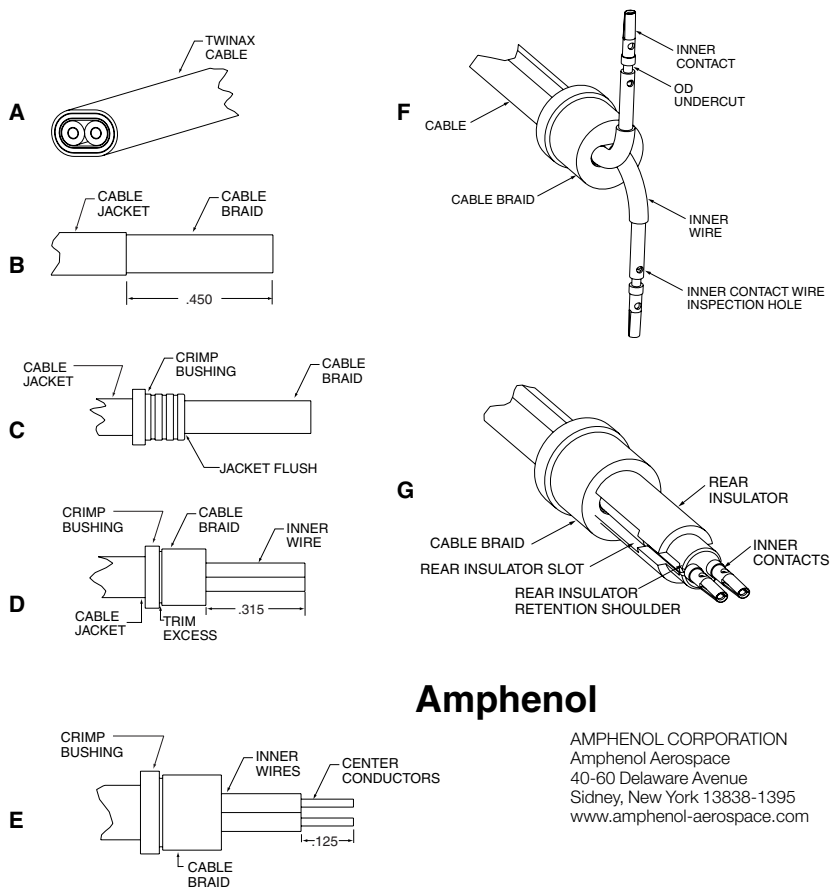
21-033832-201 (PLUG)

Transition Adapter, Differential Twinax
Type High Speed, Wired
Installation Instructions

See table on reverse side for twinax cable recommended, tool selector settings, crimping tool and positioner information.

- A 1. Cut cable for assembly of transition adapter plug.
- B 1. Strip cable jacket to expose cable outer braid as illustrated. Ends must be cut cleanly and at right angles to the axial plane of the cable. Cable must not be deformed while making cuts.
- C 1. Slide the outer crimp bushing, flange end first, over the outer cable jacket. Secure in place with a piece of tape that can be removed later.
- D 1. Flair cable outer braid back over crimp bushing as illustrated to expose inner wires. Trim excess cable braid.
- 2. Cut off any inner braids, wraps or cable fillers as close to outer cable braid as possible.
- 3. Cut inner wires to dimension shown. All wire must be cut to equal length.
- E 1. Strip inner wires to expose center conductors as illustrated. All wires must be stripped to equal length.
- F 1. Carefully splay inner wires perpendicular to the axis of the cable as illustrated.
- 2. Assemble inner contact over cable center conductor until fully seated against inner wire insulation. Observe center conductor through the contact's wire inspection hole, to make certain conductor is properly positioned.
- 3. Solder or crimp inner contact to center conductor using crimp tools listed in table on back. Repeat steps F2 and F3 for the remaining inner contact.
- G 1. Position rear insulator against cable braid as illustrated. Make certain insulator slots are aligned with splayed inner contact wires. One-by-one, position wired inner contacts inside the insulator slots as shown. The inner contact's OD undercut must be positioned to capture the insulator's front retention shoulder as illustrated.

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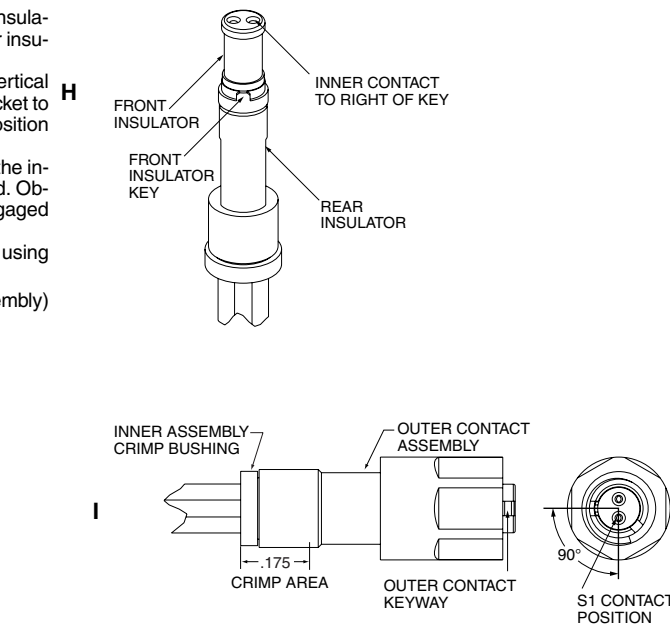


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- H 1. With inner contacts positioned inside rear insulator slots, assemble front insulator over the inner contacts as shown. The front insulator must butt the rear insulator.
 - 2. Observe the front insulator key. When the inner assembly is held in the vertical orientation as shown (with inner socket contacts pointed up), the inner socket to the right of the insulator key will be positioned at the S1 inner contact position shown in View I.
 - I 1. Align front insulator key with the outer contact's orientation keyway. Slide the inner contact assembly inside the outer contact assembly until fully seated. Observe the mating end of the assembly to make certain key & keyway are engaged and contacts are aligned as shown (ref. 90 degrees).
 - 2. Crimp the outer contact body and bushing shoulder in the area indicated using crimp tools listed in table.
- (Remove tape used to hold crimp bushing in position on cable during assembly)



Amphenol

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Amphenol Part Number	Description	Twinax Cable Recommended	Inner Crimp Tools		Outer Crimp Tools	
			Tool (Setting)	Positioner	Tool	Die Set (Location)
21-033832-201	Differential Twinax Transition Adapter Receptacle Plug	Sabritec 540-1153-000 (100 Ohm)	M22520/2-01 (1)	K1745S**	M22520/5-01	M22520/5-05 (B)

** Daniels Manufacturing Corp. Part Number