

ACCESSORIES

REDUCING FERRULES

Reducing ferrules allow using cables with smaller diameters than specified in the table page 7.

Reducing ferrule No	Contact size	Wire Gauge	Pin contacts	Socket contacts
No reducing ferrule	8	8	900197 / 900198	900217
900154		10		
No reducing ferrule	12	12	900005	900045
		14		
		16		
900092		16		
		18		
		20		
900093		20		
		22		
		24		
No reducing ferrule	16	16	900000	900040
		18		
		20		
		22		
900091		24		
		26		
		28		
No reducing ferrule	20	20	900001	900041
		22		
		24		
900090		26		
		28		
900094	22D	34	90004	900044
900099		30		
		22		
No reducing ferrule		24		
		26		
		28		

The sealing of mated connectors is only guaranteed for the minimum wire outside diameter given in the table page 7.

ACCESSORIES

CRIMP CONTACTS

	Contact size	Pin contacts		Socket contacts	
		Proprietary No	Military No	Proprietary No	Military No
Signal and Power	00	Refer to datasheet E122		Refer to datasheet E122	
	4	900007	-	900047	-
	8	900197 900198*	-	900217	-
	12	900005	M39029/58-365	900045	M39029/56-353
	16	900000	M39029/58-364	900040	M39029/56-352
	20	900001	M39029/58-363	900041	M39029/56-351
	22D	900004	M39029/58-360	900044	M39029/56-348
	23	900049	M39029/18-177	900048	M39029/17-172

* for arrangement 21-48 only

	Contact size	Pin contacts		Socket contacts		Cable Type
		Proprietary No	Military No	Proprietary No	Military No	
Coax	8	900130	M39029/60-367	900140	M39029/59-366	M17/95-RG180
		900135	-	900145	-	M17/94-RG179 M17/113-RG316 M17/119-RG174
	12	900340	M39029/28-211	900350	M39029/75-416	M17/94-RG179 M17/113-RG316 M17/119-RG174
		900341	M39029/28-409	900351	M39029/75-417	M17/95-RG180 Raychem 9528 A1318
		900342**	-	900352**	-	M17/113-RG316
	16	900132	M39029/76-424	900142	M39029/77-428	M17/94-RG179 M17/113-RG316 M17/119-RG174 KX22A
		900131	M39029/76-425	900141	M39029/77-429	M17/93-RG178 M17/169-00001
Twinax	8	074834	M39029/90-529	072453	M39029/91-530	M17/176-00002
Twinax	8	600611	-	600614	-	M17/176-00002
Quadrax 100Ω	8	900330	-	900338	M39029/77-429	Tensolite NF24 Q100
Optical contact	16	-	M29504/4-4040	-	M29504/5-4046	50/125 & 62.5/125 fiber

** High performance size 12 coaxial contacts 50 ohms matched
For other cable types, please consult us

PIGGY BACK GROMMETS

The piggy back grommets insure back contact sealing when using size 8 power, coax, twinax or quadrax contacts.



Type of contact	Cable OD (mm)	Proprietary No
Size 8 power	4.4 to 5.2	900471
Size 8 twinax and coax	3 to 4.4	900472
Size 8 twinax and coax	3 to 4.4	900476 ***

*** to use for arrangements 25-20, 19-17

APPLICATION TOOLS

CRIMPING TOOLS



Contact size	Contact type	Contact part number		Crimping tool		Positioner	
		Proprietary No	Military No	Proprietary No	Military No	Proprietary No	Military No
00		Refer to datasheet E122					
4	P	900007	-	809947	-	809948	-
	S	900047	-	809947	-	809948	-
8 Coax		Inner pin & socket		809 801	M22520/2-01	-	M22520/2-31
		Outer pin & socket		809 914	M22520/5-01	809 915	M22520/5-41
8 Power	P	900 197	-	809 872	-	809 873	-
	P	900 198	-	809 872	-	809 873	-
	S	900 217	-	809 872	-	809 873	-
12 Coax		Inner pin & socket		809 801	M22520/2-01	809 932	M22520/2-34
		Outer pin & socket		809 926	M22520/31-01	809 927	M22520/31-02
12	P	900 005	M39029/58-365	809 857	M22520/1-01	809 858	M22520/1-04
	S	900 045	M39029/56-353	809 857	M22520/1-01	809 858	M22520/1-04
16 Coax		Inner pin & socket		809 801	M22520/2-01	809 862	M22520/2-35
		Outer pin & socket		809 863	M22520/4-01	809 864	M22520/4-02
16	P	900 000	M39029/58-364	809 857	M22520/1-01	809 858	M22520/1-04
	S	900 040	M39029/56-352	809 857	M22520/1-01	809 858	M22520/1-04
20	P	900 001	M39029/58-363	809 857	M22520/1-01	809 858	M22520/1-04
				809 801	M22520/2-01	809 826	M22520/2-10
	S	900 041	M39029/56-351	809 857	M22520/1-01	809 858	M22520/1-04
				809 801	M22520/2-01	809 826	M22520/2-10
22D	P	900 004	M39029/58-360	809 801	M22520/2-01	809 810	M22520/2-09
	S	900 044	M39029/56-348	809 801	M22520/2-01	809 835	M22520/2-07
23	P	900 049	M39029/18-177	809801	M22520/2-01	-	M22520/2-13
	S	900 048	M39029/17-172	809801	M22520/2-01	-	M22520/2-16

INSERTION AND REMOVAL TOOLS

Plastic tools



Contact size	Insertion tool		Removal tool		Colour	
	Proprietary No	Military No	Proprietary No	Military No	Insertion	Extraction
8 Power/coax	*	*	-	M81969/14-12	-	green
12	809 859	M81969/14-04	809 859	M81969/14-04	yellow	white
16	809 855	M81969/14-03	809 855	M81969/14-03	blue	white
20	809 854	M81969/14-10	809 854	M81969/14-10	red	orange
22D	809 856	M81969/14-01	809 856	M81969/14-01	green	white

* Manual insertion

Metallic tools



Contact size	Straight type		Angle type			
	Insertion tools Proprietary No	Removal tools Proprietary No	Insertion tools		Removal tools	
			Proprietary No	Military No	Proprietary No	Military No
4	*	809943	-	-	-	-
8 Power/coax	-	809961	*	*	809 845	-
12	-	-	809 838	M81969/8-09	809 839	M81969/8-10
16	809 816	809 846	809 812	M81969/8-07	809 820	M81969/8-08
20	809 817	809 847	809 813	M81969/8-05	809 821	M81969/8-06
22D	809 819	809 849	809 815	M81969/8-01	809 823	M81969/8-02
23	810 010	810 010	-	-	-	-

* Manual insertion