



## Def Stan 61-12 Part 25 / D-STX x2

HFI 140 insulated, HFS 107 XL B sheathed, shielded multipairs to DSP 61-12 Pt 25  
Intended for use on electric power and communications circuits


600/1000 V AC

Order reference		Cores				Finished cable			Electrical	
Description (NSN)	Article Number	No. of cores	Tin Plated Copper (TPC)		HFI 140	TPC braid	HFS 107 XL B	Weight	DC resistance	DC current rating
			CSA	Size	Insulation	Shield/s	Sheath/s		DSP 61-12 Pt 25	In free air at 40°C
		Lay up	mm <sup>2</sup> (AWG)	Nom Ø	Nom Ø	Nom Ø	Max Ø	Nom g/m	Max Ω/km	Amps
D 2219 STX 3x2 (6145-99-892-0057)	6198920057	3 x 2	0.35 (22)	0.76	1.16	5.02	8.30	110	60.0	6
D 1819 STX 3x2 (6145-99-892-0064)	6198920064		1.0 (18)	1.20	1.60	6.86	10.4	175	21.1	11
D 2219 STX 5x2 (6145-99-892-0058)	6198920058	5 x 2	0.35 (22)	0.76	1.16	6.08	9.60	145	60.0	5
D 1819 STX 5x2 (6145-99-892-0065)	6198920065		1.0 (18)	1.20	1.60	8.37	12.3	245	21.1	9
D 2219 STX 7x2 (6145-99-892-0059)	6198920059	7 x 2	0.35 (22)	0.76	1.16	6.67	10.2	170	60.0	4
D 1819 STX 7x2 (6145-99-892-0066)	6198920066		1.0 (18)	1.20	1.60	9.22	13.1	300	21.1	8
D 2219 STX 12x2 (6145-99-892-0060)	6198920060	12 x 2	0.35 (22)	0.76	1.16	8.92	12.6	255	60.0	3
D 1819 STX 12x2 (6145-99-892-0067)	6198920067		1.0 (18)	1.20	1.60	12.6	16.6	500	21.1	7
D 2219 STX 19x2 (6145-99-892-0061)	6198920061	19 x 2	0.35 (22)	0.76	1.16	10.7	14.6	375	60.0	3
D 1819 STX 19x2 (6145-99-892-0068)	6198920068		1.0 (18)	1.20	1.60	15.0	19.1	700	21.1	6
D 2219 STX 27x2 (6145-99-892-0062)	6198920062	27 x 2	0.35 (22)	0.76	1.16	13.0	17.0	490	60.0	2
D 1819 STX 27x2 (6145-99-892-0069)	6198920069		1.0 (18)	1.20	1.60	18.2	22.8	980	21.1	5
D 2219 STX 37x2 (6145-99-892-0063)	6198920063	37 x 2	0.35 (22)	0.76	1.16	14.6	18.8	640	60.0	2

### Cable identification

Cores	Single pair in a layer: 1 <sup>st</sup> core: Black, 2 <sup>nd</sup> core: White 1 <sup>st</sup> pair in layer: Black/Red, 2 <sup>nd</sup> pair: Black/Blue, remaining pairs: Black/White, all cores numbered	
Sheath	Black	
Marking	DSP 61-12 PT 25 - Description - CSA - Country of production - Company Code - Year of production - Last 7 digits of the NSN	

### Characteristics and key properties

		RoHS REACH LVD		<b>Current rating</b> DIN VDE 0298-4	<b>Fluid resistant</b> Fuel Oil Water		<b>Flame resistant</b>	<b>Halogen free</b>	<b>Smoke free</b>	<b>MBR</b> Fixed = 4x Ø Flexing = 10x Ø
<b>Approval</b> Def Stan 61-12 Part 25	<b>Approval</b> Def Stan 61-12 Part 18 cores	<b>Approval</b> Def Stan 61-12 Part 31 sheath	<b>Codified</b> Nato Stock Number (NSN)					<b>Temp low</b> -30°C	<b>Temp</b> >40,000 hrs +85°C	<b>Temp peak</b> +120°C

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