

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

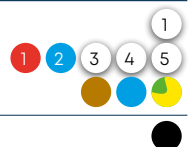
HFI 140 insulated, HFS 107 XL B sheathed, shielded power cables to DSP 61-12 Pt 25  
Intended for use on electric power and communications circuits

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 1237 STX 2 (6145-99-096-2821)	* 6190962821	2	2.5 (12)	2.10	2.60	5.90	8.70	123	N/S	28
DM 4 STX 2 (6145-99-595-2344)	* 6195952344		4	2.48	3.20	7.00	10.3	168	N/S	36
DM 6 STX 2 (6145-99-595-2346)	* 6195952346		6	2.92	4.00	8.60	12.0	236	N/S	47
DM 10 STX 2 (6145-99-595-2348)	* 6195952348		10	3.93	5.10	10.9	14.2	347	N/S	67
D 1819 STX 3 (6145-99-891-9420)	* 6198919420	3	1.0 (18)	1.20	1.60	4.36	7.65	98	21.1	13
D 1619 STX 3 (6145-99-891-9422)	* 6198919422		1.5 (16)	1.42	1.82	4.80	8.20	105	14.5	16
D 1237 STX 3 (6145-99-891-9424)	* 6198919424		2.5 (12)	2.10	2.60	6.10	9.60	146	7.60	25
DM 4 STX 3 (6145-99-595-2345)	* 6195952345		4	2.48	3.20	7.50	10.8	211	N/S	33
DM 6 STX 3 (6145-99-595-2347)	* 6195952347		6	2.92	4.00	9.20	12.55	301	N/S	43
DM 10 STX 3 (6145-99-595-2349)	* 6195952349		10	3.93	5.10	11.6	15.0	452	N/S	61
D 1237 STX 4 (6145-99-701-4332)	6197014332	4	2.5 (12)	2.10	2.60	7.00	9.80	186	7.60	24

### Cable identification

Cores	Mark & trace
(Option 1)	1 core in a layer: White 1 <sup>st</sup> core in each layer: Red, 2 <sup>nd</sup> core in each layer: Blue, all remaining cores White
Cores	HD308 S2 (items marked with an *)
(Option 2)	1 <sup>st</sup> core: Brown, 2 <sup>nd</sup> core: Blue, 3 <sup>rd</sup> core: Yellow with a Green stripe
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

<b>CE</b>	<b>UK CA</b>	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>	<b>Approval</b>	<b>Approval</b>	<b>Codified</b>					<b>Temp low</b> <b>-30°C</b>	<b>Temp</b> >40,000 hrs <b>+85°C</b>	<b>Temp peak</b> <b>+120°C</b>
Def Stan 61-12 Part 25	Def Stan 61-12 Part 18 cores	Def Stan 61-12 Part 31 sheath	Nato Stock Number (NSN)							

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