

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

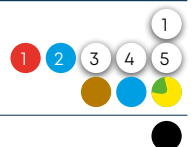
HFI 140 insulated, HFS 107 XL B sheathed power cables, to DSP 61-12 Pt 25  
Intended for use on electric power and communications circuits

600/1000 V AC

Order reference		Cores				Finished cable			Electrical	
Description (NSN)	Article Number	No. of cores	Tin Plated Copper (TPC)		HFI 140	-	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
DM 4 TX 1 (6145-99-595-2332)	6195952332	1	4	2.48	3.20	-	5.80	61	5.09	42
DM 6 TX 1 (6145-99-595-2333)	6195952333		6	2.92	4.00	-	6.60	88	3.39	54
DM 10 TX 1 (6145-99-595-2334)	6195952334		10	3.93	5.10	-	7.70	132	1.95	77
D 1819 TX 2 (6145-99-891-9410)	* 6198919410	2	1.0 (18)	1.20	1.60	-	6.30	47	N/S	14
DM 4 TX 2 (6145-99-595-2335)	* 6195952335		4	2.48	3.20	-	9.20	128	N/S	36
DM 6 TX 2 (6145-99-595-2340)	* 6195952340		6	2.92	4.00	-	11.05	192	N/S	47
DM 10 TX 2 (6145-99-595-2342)	* 6195959542		10	3.93	5.10	-	13.5	301	N/S	67
D 2019 TX 3 (6145-99-891-9412)	* 6198919412	3	0.6 (20)	0.96	1.36	-	6.00	45	33.2	10
D 1819 TX 3 (6145-99-891-9414)	* 6198919414		1.0 (18)	1.20	1.60	-	6.60	59	21.1	13
D 1619 TX 3 (6145-99-891-9416)	* 6198919416		1.5 (16)	1.42	1.82	-	7.10	75	14.5	16
D 1237 TX 3 (6145-99-891-9418)	* 6198919418		2.5 (12)	2.10	2.60	-	8.40	125	7.60	25
DM 4 TX 3 (6145-99-595-2336)	* 6195952336		4	2.48	3.20	-	9.80	171	N/S	33
DM 6 TX 3 (6145-99-595-2341)	* 6195952341		6	2.92	4.00	-	11.65	256	N/S	43
DM 10 TX 3 (6145-99-595-2343)	* 6195952343		10	3.93	5.10	-	14.5	409	N/S	61
DM 4 TX 4 (6145-99-595-2337)	6195952337	4	4	2.48	3.20	-	10.75	220	N/S	31
DM 4 TX 7 (6145-99-595-2338)	6195952338	7	4	2.48	3.20	-	12.8	345	N/S	27
DM 4 TX 10 (6145-99-595-2339)	6195952339	10	4	2.48	3.20	-	16.2	501	N/S	24

### Cable identification

Cores (Option 1)	Mark & trace 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 (Option 2)	HD308 S2 (items marked with an *) 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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