

Def Stan 61-12 Part 25 / D-TX

HFI 140 insulated, HFS 107 XL B sheathed multicores 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 ² (AWG)	Nom Ø	Nom Ø	Nom Ø	Max Ø	Nom g/m	Max Ω/km	Amps
D 2419 TX 2 (6145-99-891-9293)	6198919293	2	0.2 (24)	0.60	1.00	-	4.80	23	95.6	6
D 2019 TX 2 (6145-99-891-9310)	6198919310		0.6 (20)	0.96	1.36	-	5.70	34	33.2	11
D 1819 TX 2 (6145-99-891-9893)	6198919893		1.0 (18)	1.20	1.60	-	6.30	47	21.1	14
D 1619 TX 2 (6145-99-892-0037)	6198920037		1.5 (16)	1.42	1.82	-	6.80	58	14.5	18
D 1237 TX 2 (6145-99-892-0042)	6198920042		2.5 (12)	2.10	2.60	-	8.00	93	7.60	28
D 2419 TX 3 (6145-99-891-9874)	6198919874	3	0.2 (24)	0.60	1.00	-	5.05	28	95.6	5
D 2219 TX 3 (6145-99-891-9880)	6198919880		0.4 (22)	0.76	1.16	-	5.40	33	60.0	7
D 2019 TX 3 (6145-99-891-9887)	6198919887		0.6 (20)	0.96	1.36	-	6.00	45	33.2	10
D 1819 TX 3 (6145-99-892-0029)	6198920029		1.0 (18)	1.20	1.60	-	6.55	59	21.1	13
D 1619 TX 3 (6145-99-892-0038)	6198920038		1.5 (16)	1.42	1.82	-	7.10	75	14.5	16
D 1237 TX 3 (6145-99-892-0043)	6198920043		2.5 (12)	2.10	2.60	-	8.40	125	7.60	25
D 2419 TX 4 (6145-99-891-9296)	6198919296	4	0.2 (24)	0.60	1.00	-	5.20	33	95.6	5
D 2019 TX 4 (6145-99-891-9313)	6198919313		0.6 (20)	0.96	1.36	-	6.30	55	33.2	9
D 1819 TX 4 (6145-99-892-0030)	6198920030		1.0 (18)	1.20	1.60	-	7.00	72	21.1	12
D 1237 TX 4 (6145-99-075-4650)	6190754650		2.5 (12)	2.10	2.60	-	9.20	159	7.60	24
D 2419 TX 7 (6145-99-891-9875)	6198919875	7	0.2 (24)	0.60	1.00	-	5.90	44	95.6	4
D 2219 TX 7 (6145-99-891-9881)	6198919881		0.4 (22)	0.76	1.16	-	6.45	55	60.0	5
D 2019 TX 7 (6145-99-891-9888)	6198919888		0.6 (20)	0.96	1.36	-	7.20	81	33.2	8
D 1819 TX 7 (6145-99-892-0031)	6198920031		1.0 (18)	1.20	1.60	-	7.95	110	21.1	10
D 1619 TX 7 (6145-99-892-0039)	6198920039		1.5 (16)	1.42	1.82	-	8.70	145	14.5	13
D 1237 TX 7 (6145-99-892-0044)	6198920044		2.5 (12)	2.10	2.60	-	10.7	260	7.60	20
D 1819 TX 10 (6145-99-892-0032)	6198920032	10	1.0 (18)	1.20	1.60	-	9.80	155	21.1	9

Cable identification

Mark & trace:	
Cores	1 core in a layer: White 1 st core in each layer: Red, 2 nd core in each layer: Blue, all remaining cores White
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

CE	UK CA	RoHS REACH LVD		Current rating DIN VDE 0298-4	Fluid resistant Fuel Oil Water		Flame resistant	Halogen free	Smoke free	MBR Fixed = 4x Ø Flexing = 10x Ø
Approval	Approval	Approval	Codified					Temp low -30°C	Temp >40,000 hrs +85°C	Temp peak +120°C
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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			CSA	Size	Insulation	Shield/s	Sheath/s		DSP 61-12 Pt 25	In free air at 40°C
		Lay up	mm ² (AWG)	Nom Ø	Nom Ø	Nom Ø	Max Ø	Nom g/m	Max Ω/km	Amps
D 2419 TX 14 (6145-99-891-9876)	6198919876	14	0.2 (24)	0.60	1.00	-	7.40	73	95.6	3
D 2219 TX 14 (6145-99-891-9882)	6198919882		0.4 (22)	0.76	1.16	-	8.10	95	60.0	4
D 2019 TX 14 (6145-99-891-9889)	6198919889		0.6 (20)	0.96	1.36	-	9.40	150	33.2	6
D 1819 TX 14 (6145-99-892-0033)	6198920033		1.0 (18)	1.20	1.60	-	10.5	205	21.1	8
D 1619 TX 14 (6145-99-892-0040)	6198920040		1.2 (16)	1.42	1.82	-	11.8	275	14.5	10
D 1237 TX 14 (6145-99-892-0045)	6198920045		2.5 (12)	2.10	2.60	-	14.9	500	7.60	16
D 2219 TX 19 (6145-99-891-9883)	6198919883	19	0.4 (22)	0.76	1.16	-	8.75	125	60.0	4
D 2019 TX 19 (6145-99-891-9890)	6198919890		0.6 (20)	0.96	1.36	-	10.2	190	33.2	6
D 1819 TX 19 (6145-99-892-0034)	6198920034		1.0 (18)	1.20	1.60	-	11.7	265	21.1	7
D 2419 TX 24 (6145-99-891-9877)	6198919877	24	0.2 (24)	0.60	1.00	-	9.00	115	95.6	3
D 2219 TX 24 (6145-99-891-9884)	6198919884		0.4 (22)	0.76	1.16	-	10.1	155	60.0	3
D 2019 TX 24 (6145-99-891-9891)	6198919891		0.6 (20)	0.96	1.36	-	11.8	235	33.2	5
D 1819 TX 24 (6145-99-892-0035)	6198920035		1.0 (18)	1.20	1.60	-	13.5	335	21.1	7
D 1619 TX 24 (6145-99-892-0041)	6198920041		1.5 (16)	1.42	1.82	-	15.2	460	14.5	9
D 1237 TX 24 (6145-99-892-0046)	6198920046		2.5 (12)	2.10	2.60	-	19.2	830	7.60	14
D 2019 TX 25 (6145-99-823-5736)	6198235736	25	0.6 (20)	0.96	1.36	-	11.7	252	33.2	5
D 2419 TX 37 (6145-99-891-9878)	6198919878	37	0.2 (24)	0.60	1.00	-	10.2	160	95.6	2
D 2219 TX 37 (6145-99-891-9885)	6198919885		0.4 (22)	0.76	1.16	-	11.5	215	60.0	3
D 2019 TX 37 (6145-99-891-9892)	6198919892		0.6 (20)	0.96	1.36	-	13.4	340	33.2	4
D 1819 TX 37 (6145-99-892-0036)	6198920036		1.0 (18)	1.20	1.60	-	15.4	500	21.1	6
D 2419 TX 44 (6145-99-891-9879)	6198919879	44	0.2 (24)	0.60	1.00	-	11.4	190	95.6	2
D 2219 TX 44 (6145-99-891-9886)	6198919886		0.4 (22)	0.76	1.16	-	12.8	280	60.0	3
D 2019 TX 60 (6145-99-425-1713)	6194251713	60	0.6 (20)	0.96	1.36	-	16.1	545	33.2	3

Cable identification

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Sheath	Black	
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