

MIL-DTL-24640

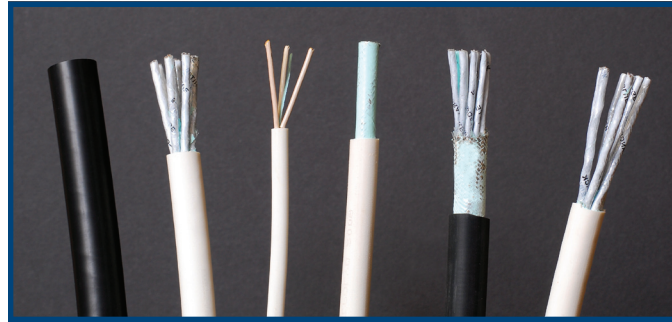
/1-13, 25 & 26

Types: Various

PLEASE NOTE

"0" in the part number indicates that the cable has an optimized shield. The optimized shield is a single braid that is constructed to provide the same shielding performance as a double braid in the MIL-DTL-24643 specification, while saving weight and reducing the cable diameter. The optimized shield provides 60 db shielding from dc to 100 MHz.

Lightweight Low Smoke



APPLICATION

Electronic, communication and instrumentation: MIL-DTL-24640 Slant Sheets 1 thru 13, 25 & 26 unless noted, utilize insulated conductors manufactured to SAE AS81044/12. These constructions are all QPL listed and are not watertight. The overall jacket is an irradiation cross-linked modified low smoke polyolefin that is compounded without halogens.

Cable Type	No./ Size	Slant Sheet	Military PIN	Conductor		Shield	Product Description
				AWG	Stranding		
DX	3	1	-01UN	16	19/29	N	2 conductors, overall jacket.
	4		-02UN	14	19/27		
TX	3	2	-01UN	16	19/29	N	3 conductors, overall jacket.
	4		-02UN	14	19/27		
FX	3	3	-01UN	16	19/29	N	4 conductors, overall jacket.
	4		-02UN	14	19/27		
TTX	3 & 15	4	-01UN & -02UN	20	19/32	N	3 & 15 pairs, overall jacket.
TTXS	2 & 4	5	-01UN & -02UN	20	19/32	Y	2 & 4 shielded pairs, overall jacket.
TTXSO	2-10	5	-01UO thru -04UO	20	19/32	Y	2,6,8 & 10 shielded pairs, overall shield and jacket.
2XAO	2-40	6	-01UO thru -05UO	22	19/34	Y	2,7,10,18 & 40 pairs, overall shield and jacket.
1XMSO	7-70	7	-01UO thru -03UO	22	19/34	Y	7,16 & 70 shielded singles, overall shield and jacket.
MXO	10 & 14	8	-01UO & -02UO	20	19/32	Y	10 & 14 conductors, overall shield and jacket.
2XS	2-30	9	-01UN thru -08UN	22	19/34	Y	2,3,7,10,14,19,24 & 30 shielded pairs, overall jacket.
2XSO	3-30	9	-01UO thru -06UO	22	19/34	Y	3,7,10,14,19 & 30 shielded pairs, overall shield and jacket.
MXSO	2-37	10	-01UO thru -08UO	16	19/29	Y	2,9,21 & 37 conductors, overall shield and jacket.
3XS	7	11	-01UN	18	19/30	Y	7 shielded triads, overall jacket.
2XO	6-77	12	-01UO thru -06UO	26	19/38	Y	6,18,24,42,60 & 77 pairs, overall shield and jacket.
2XSXO	4	13	-01UO	26	19/38	Y	4 shielded pairs, overall shield and jacket.
9XS	12	25	-01UO	12	37/28	Y	4 pairs & 1 conductor, overall shield and jacket.
	10		-02UO	10	37/26		4 pairs & 1 conductor, using 81044/9 components, overall shield and jacket.
	8		-03UO	8	133/29		4 pairs & 1 conductor, using 81044/9 components, overall shield and jacket.
5XO	3	26	-01UO	16	19/29	Y	5 conductors, overall shield and jacket.
	4		-02UO	14	19/27		
	6		-03UO	12	37/28		

The above part numbers represent the more popular constructions. However, other designs are available upon request. All products are manufactured to meet RoHS compliance. For exceptions, please contact our sales department.

