

# MIL-DTL-24640 /14-18 Types: Various Watertight

## APPLICATION

Electronic, communication and instrumentation: MIL-DTL-24640 Slant Sheets 14 thru 18 utilize insulated conductors manufactured to SAE AS81044/12 with 7 strand water-blocked conductors. These constructions are watertight and QPL listed. The overall jacket is an irradiation cross-linked modified low smoke polyolefin that is compounded without halogens.

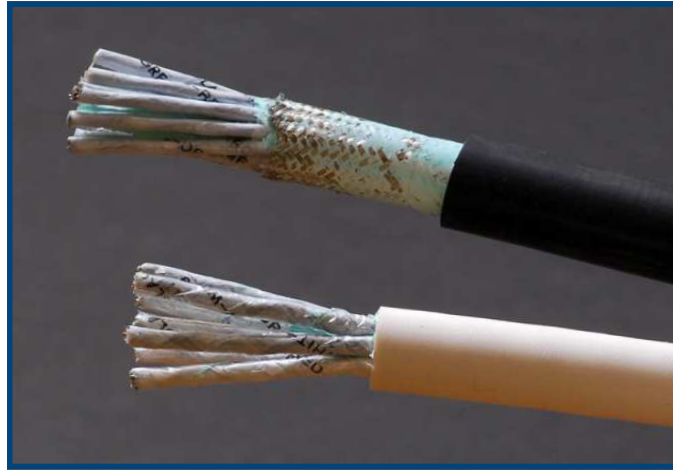
## CONDUCTOR

Manufactured to SAE AS81044/12.

## JACKET

Irradiation XL modified low smoke polyolefin, compounded without halogens.

## Lightweight Low Smoke



## 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.

"W" in the part number indicates that the cable is water-blocked.

Cable Type	No./ Size	Slant Sheet	Military PIN	Conductor		Shield	Product Description
				AWG	Stranding		
1XSOW	2-30	14	-01UO thru -04UO	22	7/30	Y	2,14,20 & 30 shielded conductors, overall shield and jacket.
2XSAW	3-14	15	-01UN thru -03UN	22	7/30	Y	3,7 & 14 shielded pairs, jacket.
2XSAOW	3-37	15	-01UO thru -08UO	22	7/30	Y	3,7,10,14,19,24,30 & 37 shielded pairs, overall shield & jacket.
2XSW	1-7	16	-01UN thru -03UN	18	7/26	Y	1,3 & 7 shielded pairs, overall jacket.
2XSOW	3-30	16	-01UO thru -05UO	18	7/26	Y	3,7,12,19 & 30 shielded pairs, overall shield & jacket.
2XOW	6-77	17	-01UO thru -06UO	26	7/34	Y	6,18, 24,42,60 & 77 pairs, overall shield & jacket.
3XSW	3-14	18	-01UN thru -04UN	18	7/26	Y	3,7,10 & 14 shielded triads, overall jacket.
3XSOW	3-24	18	-01UO thru -06UO	18	7/26	Y	3,7,10,14,19 & 24 shielded triads, overall shield & jacket.

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.