

# MIL-DTL-24643 /28, 39 & 40

Types: LS1S50MU, LS1S50MUS, LS1SWU, LS1S75MU, LS1SMU

## APPLICATION

MIL-DTL-24643 Slant Sheets 28, 30, 39 & 40. These cables are manufactured with irradiation cross-linked polyolefin dielectrics. They are configured with multiple coaxes cabled together. The overall jacket is an irradiation cross-linked modified low smoke zero halogen polyolefin.

## PLEASE NOTE

\* "S" at the end of the part number indicates that the cable has a double overall shield. The shields are constructed to provide 60 db shielding from dc to 100 MHz.

Low Smoke Multi-Coaxial Cables for Shipboard, Electronics, Communications and Instrumentation



## CONDUCTOR

22AWG (7/30).

## INSULATION

Irradiation XL low smoke polyolefin.

## JACKET

Irradiation XL modified low smoke zero halogen polyolefin.

Cable Type	Size	Slant Sheet	MIL Part Number	Conductor		Shield	Product Description
				AWG	Stranding		
LS1S50MU	16	28	-01UN	22	7	N	50 Ohms; 16 coaxes, overall jacket.
	20		-02UN				50 Ohms; 20 coaxes, overall jacket.
	40		-03UN				50 Ohms; 40 coaxes, overall jacket.
	70		-04UN				50 Ohms; 70 coaxes, overall jacket.
LS1S50MUS*	16	28	-01UD	22	7	Y	50 Ohms; 16 coaxes, overall double shield, jacket.
	20		-02UD				50 Ohms; 20 coaxes, overall double shield, jacket.
	40		-03UD				50 Ohms; 40 coaxes, overall double shield, jacket.
	70		-04UD				50 Ohms; 70 coaxes, overall double shield, jacket.
LS1S75MU	8	39	-01UN	22	7	N	75 Ohms; 8 coaxes, overall jacket.
LS1SMU	5	40	-01UN	22	7	N	50 Ohms; 5 coaxes, overall 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.

