

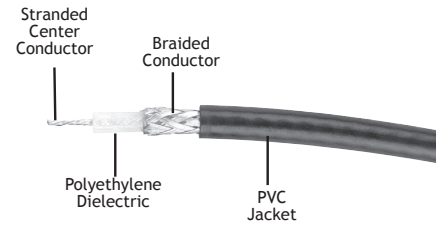
LARSEN COAX CABLE TYPES

Premium quality coax for applications from low-band to 6 GHz

RG-58 A/U, Stranded

Larsen Part Number: CXCOAX

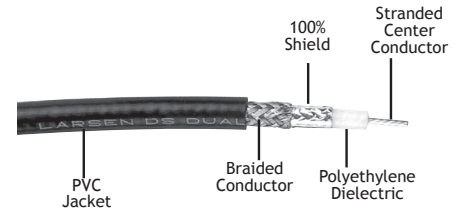
This cable serves well as a high-quality, low-cost coax for most applications below 512 MHz. Typical loss figures (per 100' of cable) are 6.8 dBd at 150 MHz and 12.9 dBd at 450 MHz. Due to its relatively high loss at higher UHF frequencies (18.3 dBd per 100' at 825 MHz), it is not usually recommended for use above 512 MHz. The stranded center conductor offers very good flexibility and long life under most conditions. Jacket material: Black PVC. Insulator material: Solid Polyethylene.



RG-58 A/U Dual Shield, Stranded

Larsen Part Number: DSCOAX

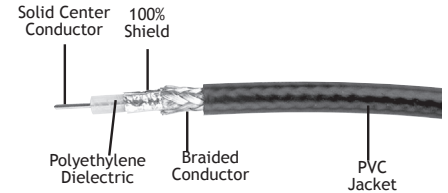
RG-58 A/U coax employs two shields consisting of a full aluminum/mylar wrap covered by a braid. This combination of shields, plus low-loss dielectric material and stranded center conductor makes an excellent choice for mobile applications. It has the right combination of low-loss (12.6 dBd per 100' at 825 MHz), excellent flexibility and uses standard connectors. Jacket material: Black PVC. Insulator material: Foam Polyethylene. Larsen products using this coax are identified by "DS" in the part number.



RG-58/U Dual Shield, Solid

Larsen Part Number: UDCOAX

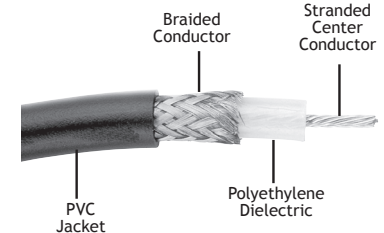
This is Larsen's premium coax for 800 and 900 MHz applications. The solid center conductor (20 AWG) is easy to use with all connectors. Digital applications in particular benefit from the 100% Duofoil aluminum shield. The shield is not glued to the dielectric making it easier to peel back for connector installation. The braid is 95% coverage. Jacket material: Black PVC. Insulator material: Polyethylene. This cable is standard for most mounting kits used for 800 MHz and can be special ordered for use with other frequencies. Larsen products using this coax are identified by "UD" in the part number.



RG-213, Stranded

Larsen Part Number: RG213

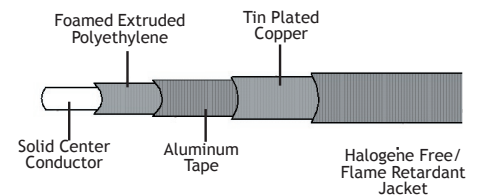
This RG-8-size coax uses a stranded center conductor, polyethylene dielectric and non-contaminating black PVC jacket making it ideal for outdoor applications where it will be exposed to ultraviolet light. Loss per 100' is from 2.7 dBd at 150 MHz to 8 dBd at 900 MHz.



ECO142 Stranded

Larsen Part Number: ECO142

ECO142 is an advantageous alternative solution to RG142. The optimized construction combines better electrical performance and attenuation with screening effectiveness than RG-142. ECO142 is halogen and sulphur free and does not emit any toxic substances when exposed to fire. A flame retardant jacket allows ECO142 to meet fire resistance standards. ECO142 provides the best performance at a competitive price. ECO142 is UL 1375 approved.



Specifications

Part No.	Frequency (MHz)	Low-Loss Properties	Durability	Outer Flexibility	Diameter	RF Loss per foot of Coax (in dBd)		
						150 MHz	450 MHz	850 MHz
CXCOAX	24 - 512	Good	Good	Very Good	.195"	.068	.129	.183
DSCOAX	800 +	Excellent	Good	Excellent	.195"	.053	.09	.126
UDCOAX	406 - 5800	Excellent	Good	Good	.195"	.045	.085	.105
RG213	27 - 900	Excellent	Excellent	Poor	.405"	.027	.05	.076
ECO142	DC - 3000	Excellent	Excellent	Good	.177"	.2 dB / foot at 2.4 GHz		