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Brilliance[®] 50 ohm Transmission Cables

Description UL AWM Style	Trade No. UL NEC Type CSA Cert.	Standard Lengths		Std. Unit Lbs. ea.	AWG (stranding) [Dia. in In.] Nom. D.C.R.	Insulation & Nominal Core O.D.		Nominal O.D.		No. of Shields & Material Nom. D.C.R.	Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation	
		ft.	m			Inch	mm	Inch	mm				pF/ft.	pF/m	MHz	dB/100 ft.

RG-8/U Type (cont'd)

See Connector Cross Reference Guide on Pages 67-69 for Connector Recommendations.

 1478 30V 60°C RG-8/U Type DEC Part No. 17-00451-00 Ethernet[▲]	9880 NEC CM CL2 CSA CXC FT1	500	152.4	63.6	.0855 solid bare copper 1.42Ω/M' 4.66Ω/km	Foam Polyethylene		.405	10.29	Duobond [®] II +94% tinned copper braid + Duofoil [®] +90% tinned copper braid 1.52Ω/M' 5.0Ω/km	50	78%	26	85	1	.19	.62
		1000	304.8	123.5		.247	6.27				5	.37	1.21				
 200° C Non-conduit Plenum DEC Part No. 17-00324-00 RG-8/U Type Ethernet	89880 NEC CMP CL2P CSA CXC FT4 FT6	100	30.5	17.7	.0855 solid bare copper 1.42Ω/M' 4.66Ω/km	Foam FEP Teflon [®]		.375	9.53	Duobond II +97% tinned copper braid + Duofoil +92% tinned copper braid 1.52Ω/M' 5.0Ω/km	50	78%	26	85	1	.19	.62
		500	152.4	74.9		.247	6.27				5	.37	1.21				

Low Loss RG-8/U Type

See Connector Cross Reference Guide on Pages 67-69 for Connector Recommendations.

 80°C RG-8/U Type	9913	100	30.5	17.9	10 (solid) .108 bare copper 0.90Ω/M' 3.0Ω/km	Semi-solid Polyethylene		.405	10.29	Duobond [®] II +90% tinned copper braid 100% shield coverage 1.8Ω/M' 5.9Ω/km	50	84%	24	78.7	1	.1	.3
		250	76.2	31.3		.286	7.26				10	.4	1.3				
 150°C Non-conduit Plenum RG-8/U Type	89913 NEC CMP CSA CXC FT4 FT6	500	152.4	63.5	10 (solid) .108 bare copper 0.90Ω/M' 3.0Ω/km	Semi-solid FEP Teflon		.357	9.07	Duobond [®] II +90% tinned copper braid 100% shield coverage 1.8Ω/M' 5.9Ω/km	50	83%	25	82	1	.1	.3
		1000	304.8	123.2		.288	7.32				10	.4	1.3				
 30V 80°C RG-8/U Type	9914 NEC CL2 CSA CXC FT1	100	30.5	18.0	10 (solid) .103 bare copper 1.2Ω/M' 3.9Ω/km	Foam Polyethylene		.403	10.24	Duobond II +95% tinned copper braid 100% shield coverage 1.1Ω/M' 3.6Ω/km	50	78%	26	85.3	1	.1	.3
		250	76.2	31.1		.285	7.24				10	.5	1.6				