



EXPERIENCE. TRU INNOVATION.

TRU BRAND CABLE ATTRIBUTES

Cable Attribute	TRU-060	TRU-120	TRU-150	TRU-160	TRU-200	TRU-210	TRU-Test	TRU-270	TRU-300	TRU-350	TRU-450	TRU-500	TRU-560	TRU RG-214	TRU RG-217	TRU RG-393
Cable Outer Diameter (inches -nominal)	0.069	0.122	0.151	0.160	0.185	0.208	0.195	0.275	0.300	0.335	0.450	0.490	0.565	0.425	0.545	0.390
Cable Dielectric Material	S-E/PTFE	S-E/PTFE	T-E/PTFE	S-E/PTFE	T-E/PTFE	S-E/PTFE	T-E/PTFE	T-E/PTFE	S-E/PTFE	T-E/PTFE	T-E/PTFE	T-E/PTFE	T-E/PTFE	PE	PE	PTFE
Cable Jacket Material	FEP	FEP	FEP	FEP	FEP	FEP	FEP	FEP	FEP	FEP	FEP	FEP	PVC	PVC	PVC	FEP
Cable Operating Temperature (°C)	-65 to 200	-65 to 200	-55 to 200	-55 to 200	-55 to 200	-55 to 200	-55 to 200	-55 to 200	-55 to 200	-55 to 200	-55 to 200	-55 to 200	-55 to 105	-40 to 85	-40 to 86	-55 to 200
Cable Min Bend Radius: Static (inches)	0.18	0.38	0.45	0.48	0.57	0.60	0.60	0.84	0.90	1.00	1.50	1.50	1.70	2.25	2.75	1.50
Cable Min Bend Radius: Dynamic (inches)	0.30	0.60	0.75	0.80	0.95	1.00	1.00	1.40	1.50	1.70	2.50	2.45	2.80	Not recommended for dynamic bends		
Center Conductor (stranded or solid)	solid	solid	solid	solid	7 strand	solid	solid	7 strand	solid	solid	7 strand	7 strand	7 strand	7 strand	solid	7 strand
Impedance (ohms -nominal)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Capacitance (pf/ft)	27.0	26.0	24.8	26.0	24.8	26.0	25.5	25.0	26.0	25.7	25.0	26.8	26.0	32.2	32.2	32.0
Shielding Effectiveness (dB min)	-85	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	-75	-75	-60	-60	-60
Shields	2	3	2	3	2	3	3	3	3	3	3	2	2	2	2	2
Max Operating Frequency (GHz)	40.0	50.0	18.0	40.0	18.0	26.5	18.0	18.0	18.0	18.0	10.0	6.0	6.0	3.0	3.0	6.0
Velocity of Propagation (% nominal)	76	78	82	78	82	78	80	83	78	80	83	77	77	66	66	70
Breakdown Voltage (KV RMS)	2.0	5.0	2.5	7.0	3.8	10.0	3.5	4.0	15.0	6.0	8.0	12.0	12.0	10.0	12.0	10.0
Weight (lbs/ft)	0.060	0.018	0.020	0.031	0.032	0.050	0.044	0.070	0.096	0.124	0.180	0.230	0.240	0.130	0.225	0.175

S-E/PTFE = solid - expanded /polytetrafluoroethylene
T-E/PTFE = tape wrap - expanded /polytetrafluoroethylene
PE = polyethylene

TRU Corporation

245 Lynnfield Street, Peabody, MA 01960 1-800-COAX-TRU (1-800-262-9878) www.trucorporation.com