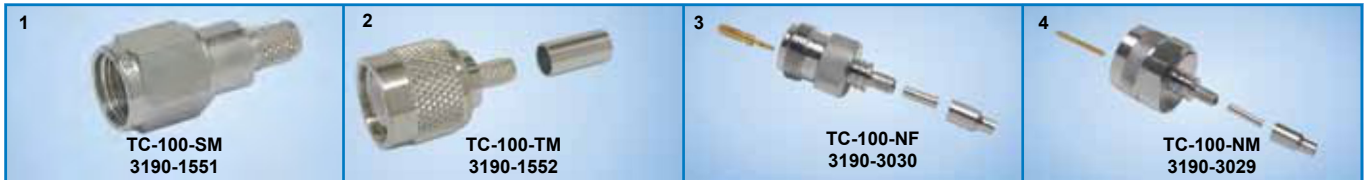


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Environmental Specifications		
Performance Property	°F	°C
Installation Temperature Range	-40/+185	-40/+85
Storage Temperature Range	-94/+185	-70/+85
Operating Temperature Range	-40/+185	-40/+85

Electrical Specifications			
Performance Property	Units	US	(metric)
Velocity of Propagation	%	66	
Dielectric Constant	NA	2.30	
Time Delay	nS/ft (nS/m)	1.54	(5.05)
Impedance	ohms	50	
Capacitance	pF/ft (pF/m)	30.8	(101.1)
Inductance	uH/ft (uH/m)	0.077	(0.25)
Shielding Effectiveness	dB	>90	
DC Resistance			
Inner Conductor	ohms/1000ft (/km)	81.0	(266)
Outer Conductor	ohms/1000ft (/km)	9.5	(31.2)
Voltage Withstand	Volts DC	500	
Jacket Spark	Volts RMS	2000	
Peak Power	kW	0.6	

Mechanical Specifications			
Performance Property	Units	US	(metric)
Bend Radius: installation	in. (mm)	0.25	(6.4)
Bend Radius: repeated	in. (mm)	1	(25.4)
Bending Moment	ft-lb (N-m)	0.1	(0.014)
Weight	lb/ft (kg/m)	0.0092	(.014)
Tensile Strength	lb (kg)	15	(6.8)
Flat Plate Crush	lb/in. (kg/mm)	10	(0.18)



Connectors											
Interface	Description	Part Number	Stock Code	VSWR **	Coupling	Inner Contact Attach	Outer Contact Attach	Finish* /Pin	Length in (mm)	Width in (mm)lb	Weight (g)
1. SMA Male	Straight Plug	TC-100-SM	3190-1551	<1.25:1	(3)	Hex	Solder	Crimp	SS/G	1.0 (25.4)	0.32 (8.1) 0.015 (6.8)
2. TNC Male	Straight Plug	TC-100-TM	3190-1552	<1.25:1	(3)	Knurl	Solder	Crimp	S/G	1.4 (35.6)	0.59 (15.0) 0.045 (20.4)
3. N Female	Straight Jack	TC-100-NF	3190-3030	<1.25:1	(3)	N/A	Solder	Crimp	A/G	1.3 (32.4)	0.62 (15.8) 0.055 (25.0)
4. N Male	Straight Plug	TC-100-NM	3190-3029	<1.25:1	(3)	Hex	Solder	Crimp	A/G	1.1 (28.2)	0.9 (22.6) 0.066 (30.0)

* Finish metals: N=Nickel, S=Silver, G=Gold, SS=Stainless Steel, A=Alballoy **VSWR spec based on 3 foot cable with a connector pair

Install Tools

Type	Part Number	Stock Code	Description
Crimp Tool	CT-240/200/195/100	3190-667	Crimp tool for LMR-100, 195, 200 and 240 connectors
Cutting Tool	CCT-02	3192-165	Cable end flush cut tool
Replacement Blade	RB-02	3192-166	Replacement blade for cutting tool

