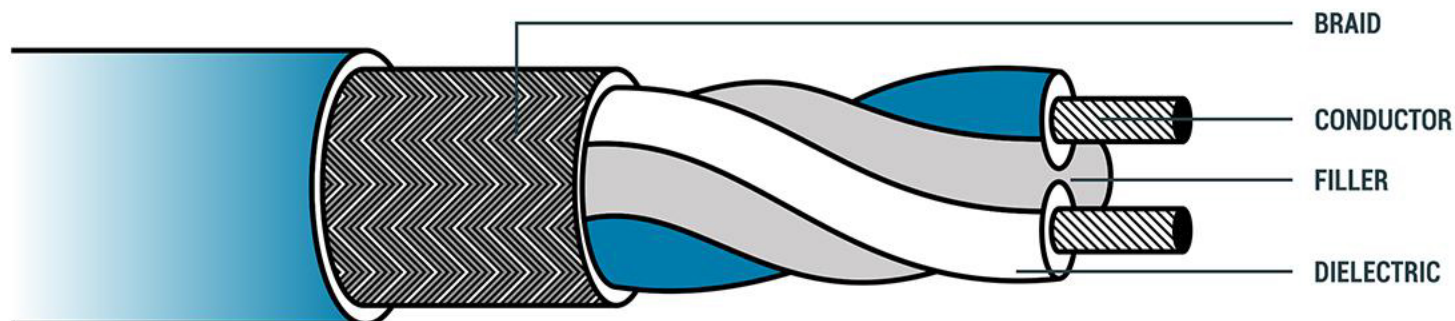


78 Ohm Twinax Cable



	LAB-RATED		VEHICLE-RATED HALOGEN-FREE	VEHICLE-RATED HIGH TEMP		PLENUM-RATED HIGH TEMP	
CABLE PART NUMBER	TWC-78-2	TWC-78-1	TWCH-78-2	M17/176-00002	BC0078-10	TWCP-78-2	TWCP-78-1
USES ELECTRO CONNECTOR	-40	-30	-40	-20	-10	-40	-30
SPECIFICATIONS							
Nominal Impedance (ohms)	78 ± 3	78 ± 3	78 ± 3	77 ± 7	77 ± 7	78 ± 3	78 ± 3
Nominal Outer Diameter (inches)	0.242	0.150	0.242	0.129	0.093	0.242	0.150
Conductor Diameter (inches)	0.037	0.022	0.037	0.024	0.0149	0.037	0.021
Operating Temperature Range	-40 C to +80 C	-40 C to +80 C	-30 C to +80 C	-55 C to +200 C	-55 C to +200 C	+125 C	+125 C
Minimum Bend Radius (inches)	1.25	1.50	1.25	1.50	1.25	2.50	1.50
Nominal Capacitance (pF/ft)	21.20	20.30	21.20	24.00	19.00	18.60	19.60
Outer Jacket Material	PVC	PVC	Halogen-free	Teflon PFA	FEP	FEP	FEP
Insulation Material	Polyethylene	Polyethylene	Polyethylene	Teflon PFA	Tempa-Lene 45	FEP	FEP
Shield Coverage	93%	93%	93%	93%	90%	95%	97%
ATTENUATION (DB/100 FT)							
1 MHz	0.70	2.00	0.70	1.400		0.60	2.00
3 MHz	1.10	3.00	1.10	2.100		1.00	3.00
10 MHz	2.20	5.30	2.20	4.500 (max)	8.00	2.00	5.30
20 MHz	3.10	7.50	3.10			2.80	7.50
30 MHz	3.90	9.20	3.90			3.50	9.20
40 MHz	4.50	10.60	4.50			4.10	10.60
50 MHz	5.10	11.90	5.10			4.60	11.90
100 MHz	7.50	16.80	7.50		25.20	6.90	16.80
200 MHz	10.50	23.70	10.50			9.90	23.70
500 MHz	16.00	37.50	16.00			15.40	37.50
700 MHz	18.60	44.30	18.60			18.30	44.30
1 GHz	22.50	53.00	22.50			21.80	53.00
RoHS COMPLIANCE							
STATUS	✓ RoHS	✓ RoHS	✓ RoHS	✓ RoHS	✓ RoHS	✓ RoHS	✓ RoHS
All dimensions are in inches. All values without tolerances are nominal.							

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TRB Connectors

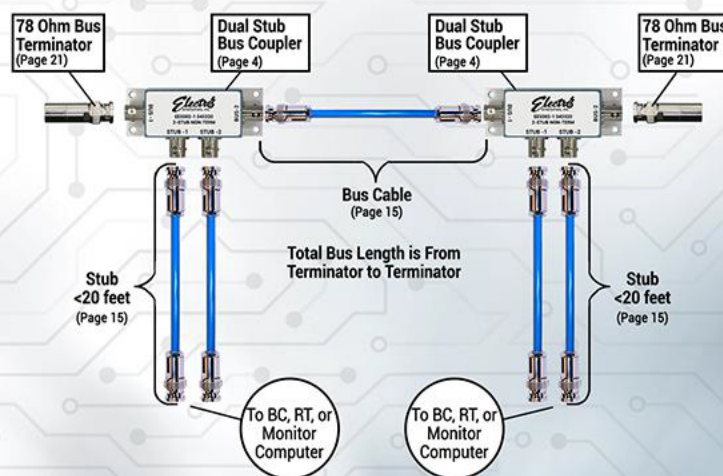
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