

9-19-2014 Rev. 0

Quote 1080840 Item 1

I. Description:

Twinax, Trompeter TWC-78-1

II. Electrical Characteristics:

Nom. Impedance:	78 Ohms
Nom. Capacitance Conductor to Conductor:	20.3 pF/ft.
Nom. Capacitance Conductor to Shield:	36.5 pF/ft.
Nom. Velocity of Propagation:	66%
Nom. Delay:	1.54 ns/ft.
Nom. Conductor DC Resistance at 20°C:	30 Ohms/1000 ft.
Max. Operating Voltage:	300 Vrms
Nom. Attenuation:	TBD

III. Physical Characteristics:

Conductors

AWG:	25
Stranding:	7x
Strand AWG:	33
Material:	Tinned Copper
Nom. Diameter:	.022"
Quantity:	2

Insulation

Material:	Solid PE
Nom. Diameter:	.043"
Colors:	Natural (conductor 1) Blue (conductor 2)

Fillers:

Material:	Solid PE
Quantity:	2

Shield

Type:	Braid
Strand AWG:	36
Material:	Tinned Copper
Nom. Percent Coverage:	93%

Jacket

Material:	PVC
Color:	Blue
Nom. Diameter:	.150"

Operating Temperature Rating:	-40 to +80 Degrees C
Nom. Bulk Cable Weight:	16 lbs/1000 ft.
Min. Bending Radius (Install):	1.5"
RoHS Compliant:	Yes

Reference: Trompeter drawing TWC-78-1 Rev. L