



Rev:	Change:	By:	Date:

Construction: OD (In.)

1) Conductor:	Stranded 26(19) Silver Plated Copper	0.0187 ± 0.001"
Insulation:	Solid Fluoropolymer	0.038 ± 0.003"
Colors:	Blue, Green, Red, Yellow	
Cabling:	Cable 4 primaries with filler	0.090" nom.
2) Binder:	PTFE Tape	0.095" nom.
3) Inner Braid:	Flat Tin Plated Copper	0.098" nom.
4) Outer Braid:	Round Tin Plated Copper	0.120" nom.
5) Jacket:	Blue Tint FEP	0.137 ± 0.010"
Marker Tape:	"Harbour Industries Q100-26(19)-TT/F"	

Physical Characteristics:

1) Weight per 1000':	18.0 Lbs. nom.
2) Minimum bend radius:	0.685"
3) Operating temperature range:	-55°C - 150 °C
4) RoHS compliance:	Complies with RoHS (Directive 2002/95/EC)

Electrical Characteristics:

1) Impedance:	100.0	± 10 ohms
2) Capacitance:	14.5	pF/Ft nom.
3) Velocity of Propagation:	70.0	% nom.
4) Conductor DC Resistance:	44.8	ohms/1000 Ft max.
5) Dielectric Voltage Rating:	1.5	kV RMS
6) Near End Crosstalk (NEXT):	Freq. (MHz)	
	10	50.3 dB Min.
	100	35.3 dB Min.
7) Structural Return Loss (SRL):	Freq. (MHz)	
	10	23.0 dB Min.
	100	16.0 dB Min.
8) Attenuation (dB/100 ft):	Freq. (MHz)	Typical    Max.
	10	2.8        3.2
	100	9.6        11.0

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Approved By:	S. Dike		
Date:	3/9/10	Part Number:	Rev:
Scale:	None		Sheet:
Drawing Name:	Q100-26(19)-TT-F		1 of 1
			Drawing Number: 090806_230