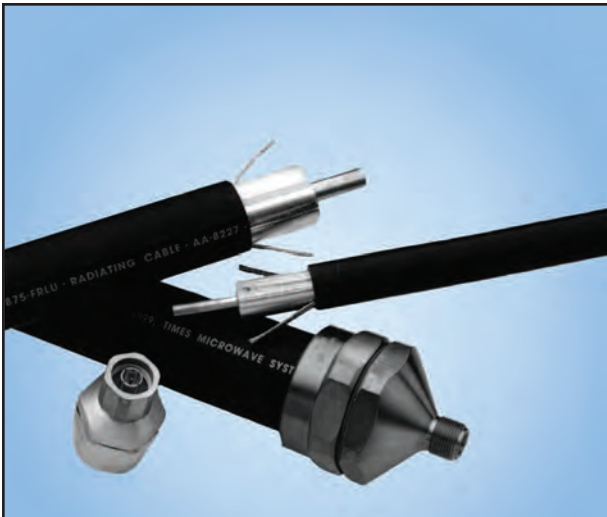


nu-TRAC[®]

TRC-875

- Provides interior communications in tunnels, subways, ships and metal framed buildings
- Offers stable electrical performance
- More flexible than corrugated designs
- No need for cable standoffs



Electrical Specifications			
Performance Property	Units	US	Metric
Velocity of Propagation	%	86	
Impedance	Ohms	50	
VSWR, typical 150-900 MHz		1.2	
Coupling Loss	dB @ 20 ft		
150 MHz		74	
450 MHz		80	
900 MHz		80	
1900 MHz		75	
2400MHz		74	
Attenuation	dB / 100 ft / 100 meters		
150MHz		0.52	1.7
450MHz		0.98	3.2
900MHz		1.7	5.6
1900 MHz		2.9	9.5
2400MHz	3.3	10.8	

Part Description	
Type No.	
Cables	
TRC 875-PE	- Polyethylene - outdoor version
TRC 875-VW1	- Non-halogen, fire retardant polyolefin
TRC 875-FR	- Highly fire retardant non-halogen polyolefin
Connectors	
TRB 875-NF	- "N" female connector 3190-2936
TRB 875-NM	- "N" male connector 3190-2935

Mechanical Specifications		
Performance Property	Units	US/Metric
Diameter	in.(mm)	1.2 / (30.5)
Weight	lb/ft(kg/m)	0.491/ (0.73)
Crush Strength	lb/in.(kg/mm)	250 / (4.4)
Max.2 Ohm imp. change		
Tensile Strength	lb (kg)	800 / (360)
Minimum bend radius	in.(mm)	6.5 / (165)

% Probability of Communication

