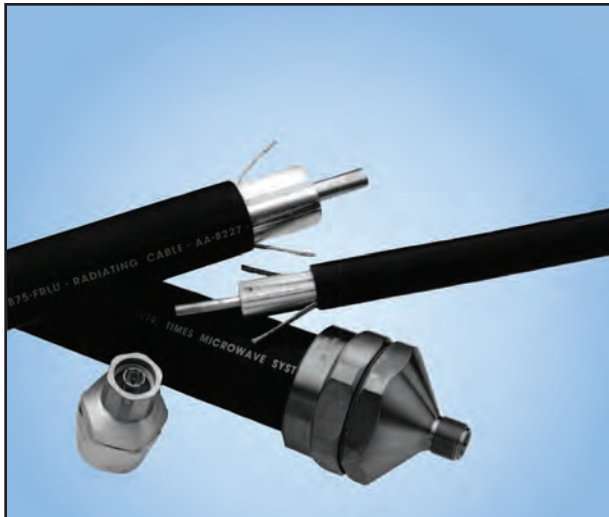


# nu-TRAC<sup>®</sup>

## TRC-1250

- 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		79	
900 MHz		80	
1900 MHz		78	
2400MHz		79	
Attenuation	dB	/ 100 ft	/ 100 meters
150MHz		0.39	1.3
450MHz		0.79	2.6
900MHz		1.23	4.0
1900 MHz		1.95	6.40
2400MHz		2.40	7.90

Part Description	
Type No.	
<b>Cables</b>	
TRC 1250-PE	- Polyethylene - outdoor version
TRC 1250-VW1	- Non-halogen, fire retardant polyolefin
TRC 1250-FR	- Highly fire retardant non-halogen polyolefin
<b>Connectors</b>	
TRB 1250-NF	- "N" female connector (P/N 3190-2309)
TRB 1250-NM	- "N" male connector (P/N 3190-2310)

Mechanical Specifications		
Performance Property	Units	US/Metric
Diameter	in.(mm)	1.67 / (42.4)
Weight	lb/ft(kg/m)	.742 / (1.10)
Crush Strength	lb/in.(kg/mm)	300 / (5.3)
Max.2 Ohm imp. change		
Tensile Strength	lb (kg)	1500 / (680)
Minimum bend radius	lb/in.(kg/mm)	13.5 / (342)

### % Probability of Communication

