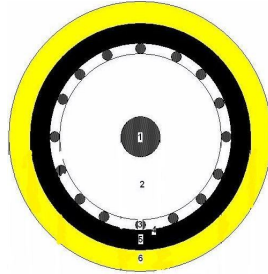
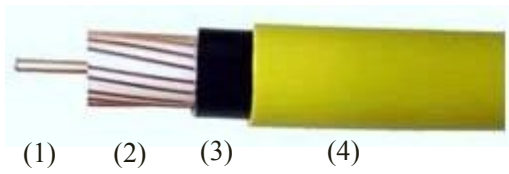




## Leaky Feeder Cable (Model: CC-3529)



- (1) Inner conductor
- (2) Foam Dielectric +  
Outer conductor
- (3) Mylar + Inner jacket
- (4) Outer jacket

### Specifications

#### Construction and Performance

ITEMS	DESCRIPTION	UNITS	STANDARD REQUIREMENT	OBSERVATION
<b>A</b>	<b>STRUCTURAL PROPERTIES</b>			
1	Inner Conductor (Bare Copper)	mm	2.31±0.02	2.314
2	Physical Foamed PE Insulation	mm	9.53±0.15	9.53
3	Railing of Parallel Wire Outer Conductor		11±0.15	11
4	Inner Black PE Jacket	mm	13.5±0.1	13.5
5	Outer Yellow PVC Jacket	mm	15.5±0.3	15.51
6	Minimum Bending Radius	mm	100	100
7	Unit Weight	kg/m	0.23	0.25
<b>B</b>	<b>ELECTRICAL PROPERTIES</b>			
8	Insulation Dielectric Strength	kv	No breakdown under 2.5kv between inner and outer conductor for 1min	No breakdown under 2.5kv between inner and outer conductor for 1min
9	DC Resistance (Inner Conductor)	Ohm/km	≤4.5	≤4.201
	DC Resistance (Outer Conductor)	Ohm/km	≤4.10	≤3.99
10	Attenuation		1@150MHz<1.27dB/100ft	1.20
			1@200MHz<1.45dB/100ft	1.35
			1@250MHz<1.60dB/100ft	1.54
			1@300MHz<1.79dB/100ft	1.75
			1@350MHz<1.95dB/100ft	1.92
			1@400MHz<2.07dB/100ft	2.12
			1@450MHz<2.20dB/100ft	2.04
			1@500MHz<2.31dB/100ft	2.20
	1@550MHz<2.42dB/100ft	2.30		
	1@600MHz<2.54dB/100ft	2.30		
11	VSWR		≤1.2 (or ≥20.83dB), from 30MHz to 300MHz	22.5dB
12	Couple Loss		85MHz: 60±5dB 150MHz: 70±5dB	59 72
13	Resistance of Insulation	Mohm/km	≥1100	2200
14	Nominal Capacitance	pF/m	52	52.5
15	Impedance	Ohm	75±3.0	75.5
16	Operating Temperature		40°C - 70°C	
17	Relative Humidity		1@40°C 98%	
18	Minimum Installation Temperature		1 - 15°C	