

**TWIN-LEAD:** duplex, flat construction cable made of two conductors insulated with polyethylene. Cable used for transmitting radio frequency signals. Uniform spacing of wires is the key to cable's function as parallel line, "ladder line". Twin lead has lower signal losses than coaxial cable.

300V, -20°C+80°C



**RADIO FREQUENCY**



Registration, Evaluation and  
Authorisation of Chemicals



Part Number	Gauge/ strands	Insulation (diameter)	IMP (Ohm)	VOP	ATT. 100MHz- dB/100ft	Lengths (ft)
1220	20/7 BC	FPE / PE (0.145" x 0.400")	300	88%-91%	1.2	500ft, 1000ft, various shorts
1313	14/19 CCS	PE (0.065" x 0.930")	370	92.8%	n/a	500ft, 1000ft, various shorts
1315	16/19 CCS	PE (0.065" x 0.930")	400	91.7%	n/a	500ft, 1000ft, various shorts
1317	18/19 CCS	PE (0.065" x 0.930")	450	89.8%	n/a	500ft, 1000ft, various shorts
1318	18 CCS	PE (0.065" x 0.930")	450	90.2%	n/a	500ft, 1000ft, various shorts
1320	20/7 BC	PE (0.150" x 0.400")	300	80%	n/a	500ft, 1000ft, various shorts
1321	18/19 CCS	PE (0.150" x 0.400")	300	82%	n/a	500ft, 1000ft, various shorts

**Acronyms:**

- ATT - Attenuation
- BC - Bare Copper
- CCS - Copper Clad Steel
- FPE - Foam Polyethylene
- IMP - Impedance
- PE - Polyethylene
- VOP - Velocity of Propagation

**COAXIAL:** constructed of one conductor insulated with polyethylene, shielded and jacketed in polyvinyl chloride or polyethylene. Lengths from 50ft to 1000ft per reel or easy pay-out carton. Direct burial cable is marked with \*.



**RADIO FREQUENCY**



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Part Number	Type/ UL	Gauge/ strands	Dielectric Type (diameter)	Shield/ Coverage	Jacket (diameter)	IMP. (Ohm)	CAP. (pF/ft)	VOP	ATT. 100MHz-dB/100ft
3750	RG-174/U Non-UL (mil-c-17)	26/7 CCS	PE (0.060")	TC Braid 95%	Black PVC (0.110")	50	30.5	66%	8.9
3770	RG-213/U Non-UL	13/7 BC	PE (0.285")	BC Braid 97%	Black PVC (0.405")	50	30.8	66%	2.2
3780	RG-213/U Non-UL	13/7 BC	PE (0.285")	BC Braid 97%	Black PVC NM (0.405")	50	30.8	66%	2.2
3810*	RG-8/U Non-UL LLCC-400	10 CCA	FPE (0.285")	Bonded Foil 100% TC Braid 91%	Black PE (0.405")	50	24.2	84%	1.5 dB/100ft @150MHz
3030	RG-8/U Non-UL	10/7 BC	FPE (0.285")	BC Braid 97%	Black PVC (0.405")	57	22.6	78%	1.8
3060	RG-8/X Non-UL (mini 8)	16/19 BC	FPE (0.157")	BC Braid 95%	Black PVC (0.240")	50	26	78%	3.6
3110	RG-58A/U Non-UL	20/19 BC	PE (0.116")	BC Braid 96%	Black PVC (0.195")	50	30.8	66%	4.9
3130	RG-58A/U Non-UL	20/19 BC	FPE (0.107")	BC Braid 80%	Black PVC (0.195")	50	26	78%	4.7
3150	RG-58A/U Non-UL	20/19 BC	PE (0.116")	BC Braid 96%	Black PVC (0.195")	53.5	28.5	66%	4.6

# FLEX GUARD®

Flexible core perimeter wire designed for high-speed, professional installation servicing all containment systems: *Invisible Fence, Pet Stop, Dog Watch, Dog Guard, Contain-A-Pet*; including robotic mowers such as *LawnBott* and *Robomow*. UV and water resistant, direct burial.



**RADIO FREQUENCY**



Part Number	Gauge/ strands	Lengths (ft)	<b>ECONOMY, 25mil wall</b>
D1804	18/19 copper	500ft increments: 500 – 3000 per reel	
D2004	20/19 copper	500ft increments: 500 – 3000 per reel	

Part Number	Gauge/strands	Lengths (ft)	<b>STANDARD, 45mil wall</b>
D1405	14/19 copper	500ft increments: 500 – 5000 per reel	
D1606	16/19 copper	500ft increments: 500 – 5000 per reel	

Part Number	Gauge/strands	Lengths (ft)	<b>PREMIUM, 60mil wall</b>
D1201	12/19 copper	500ft increments: 500 – 3000 per reel	
D1406	14/19 copper	500ft increments: 500 – 5000 per reel	
D1608	16/19 copper	500ft increments: 500 – 5000 per reel	

**TWISTED FLEXGUARD:** multi-conductor construction cable made of two, 19-strand copper conductors each insulated with polyethylene. W/W-white white and B/B- black brown combination pairs. Wire used for canceling signal and leading a loop to power.



Part	Gauge/ strands	Color	Lengths (ft)	<b>ECONOMY, 25mil wall</b>
D1411	14/19 copper	WHT/WHT	50ft, 100ft, 250ft, 500ft	
D1410	14/19 copper	BLK/BRN	50ft, 100ft, 250ft, 500ft	
D1625	16/19 copper	WHT/WHT	50ft, 100ft, 250ft, 500ft	
D1626	16/19 copper	BLK/BRN	50ft, 100ft, 250ft, 500ft	



Solid core perimeter wire designed as alternative option to flexguard for all containment systems: Invisible Fence, Pet Stop, Dog Watch, Dog Guard, Contain-A-Pet; including robotic mowers such as LawnBott and Robomow. UV and water resistant, direct burial.



**RADIO FREQUENCY**

Part Number	Gauge	Lengths (ft)	<b>ECONOMY, 25mil wall</b>
D1801	18 copper	500ft increments: 500 - 3000 per reel	
D2001	20 copper	500ft increments: 500 - 3000 per reel	

Part Number	Gauge	Lengths (ft)	<b>STANDARD, 45mil wall</b>
D1401	14 copper	500ft increments: 500 - 5000 per reel	
D1602	16 copper	500ft increments: 500 - 5000 per reel	

Part Number	Gauge	Lengths (ft)	<b>PREMIUM, 60mil wall</b>
D1202	12 copper	500ft increments: 500 - 3000 per reel	
D1403	14 copper	500ft increments: 500 - 5000 per reel	
D1603	16 copper	500ft increments: 500 - 5000 per reel	

**TWISTED TUF GUARD:** multi-conductor construction cable made of two solid copper conductors each insulated with polyethylene. W/W-white white and B/B- black brown combination pairs. Wire used for canceling signal and leading a loop to power.



Part Number	Gauge	Color	Lengths (ft)	<b>ECONOMY, 25mil wall</b>
D1412	14 copper	WHT/WHT	50ft, 100ft, 250ft, 500ft	
D1620	16 copper	WHT/WHT	50ft, 100ft, 250ft, 500ft	
D1621	16 copper	BLK/BRN	50ft, 100ft, 250ft, 500ft	
D1820	18 copper	WHT/WHT	50ft, 100ft, 250ft, 500ft	
D2011	20 copper	WHT/WHT	50ft, 100ft, 250ft, 500ft	



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