



PRODUCT LINE - Base Station Antennas / Side Mount Dipole

Part Number	Product Name	Conn. Type	Freq Band	Nominal Gain dBd	Freq MHz	Vert Beamwidth	Horiz Beamwidth	Power W
SMD7-83-P-U	700/800 MHz Side Mounted Dipole, 746-870M Hz, Unity Gain	4.3-10	700/800	0 but can be increased with mounting arrangements	746 - 870	Typically 86° at ¼ λ antenna - mast spacing	Typically 190° at ¼ λ antenna - mast spacing	500
SMD7-83-P	700/800 MHz Side Mounted Dipole, 746-870M Hz, Unity Gain	4.3-10	700/800	0 but can be increased with mounting arrangements	746 - 870	Typically 86° at ¼ λ antenna - mast spacing	Typically 190° at ¼ λ antenna - mast spacing	500
SMD8-90-U	800/900 MHz Side Mounted Dipole, 806-960M Hz, Unity Gain	N (F)	800/900	0 but can be increased with mounting arrangements	806 - 960	Typically 85° at ¼ λ antenna - mast spacing	Typically 213° at ¼ λ antenna - mast spacing	200
SMD4-67-P-U	UHF Side Mounted Dipole, 400-520M Hz, Unity Gain	4.3-10	UHF	0 but can be increased with mounting arrangements	400 - 520	Typically 70° at ¼ λ antenna - mast spacing	Typically 220° at ¼ λ antenna - mast spacing	500
SMD4-67-P	UHF Side Mounted Dipole, 400-520M Hz, Unity Gain	4.3-10	UHF	0 but can be increased with mounting arrangements	400 - 520	Typically 70° at ¼ λ antenna - mast spacing	Typically 220° at ¼ λ antenna - mast spacing	500



RFI Americas

Part Number	Product Name	Conn. Type	Freq Band	Nominal Gain dB	2023 Case Parkway North, Twinsburg, OH 44087 Phone: (330)-486-0706, Fax: (330)-486-0705 sean@rfi.com, rfi.com, Typical Vehicle Temp @ 50	Vert Beamwidth	Horiz Beamwidth	Power W
SMD41-6 7-P	UHF Stainless Steel Side Mounted Dipole, 400-520M Hz. Unity Gain	4.3-10	UHF	0 but can be increased with mounting arrangements	520	70° at ¼ λ antenna - mast spacing	Typically 220° at ¼ λ antenna - mast spacing	500
SMD20-3 6	VHF Side Mounted Dipole, 130-150M Hz. Unity Gain	N (F)	VHF	0 but can be increased with mounting arrangements	130 - 150	Typically 85° at ¼ λ antenna - mast spacing	Typically 228° at ¼ λ antenna - mast spacing	750
SMD20-3 6-P	VHF Side Mounted Dipole, 130-150M Hz. Unity Gain	4.3-10	VHF	0 but can be increased with mounting arrangements	130 - 150	Typically 85° at ¼ λ antenna - mast spacing	Typically 228° at ¼ λ antenna - mast spacing	750
SMD20-4 1	VHF Side Mounted Dipole, 148-174 MHz. Unity Gain	N (F)	VHF	0 but can be increased with mounting arrangements	148 - 174	Typically 70° at ¼ λ antenna - mast spacing	Typically 175° at ¼ λ antenna - mast spacing	750
SMD20-4 1-P	VHF Side Mounted Dipole, 148-174 MHz. Unity Gain	4.3-10	VHF	0 but can be increased with mounting arrangements	148 - 174	Typically 70° at ¼ λ antenna - mast spacing	Typically 175° at ¼ λ antenna - mast spacing	750