

IN-BUILDING APPLICATIONS PRODUCT MATRIX

Indoor Applications

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Coax	Connector
Bi-Directional Dual Band	2400-2500/4900-5900	4.5 dBi/5 dBi	R380.900.908	Bi-Directional Ceiling Mount	2' RG-58 A/U, White	SMA Jack (Female)
Directional Patch	2400 - 2500	7.5 dBi	R380.500.312	Mast/Wall Mount Directional Patch	3' RG-58 A/U, White	SMA Jack (Female)
Directional Patch	2400-2500/4900-5900	5.5 dBi/9 dBi	R380.900.909	Mast/Wall Mount Directional Patch	3' RG-58 A/U, White	RPTNC Plug (M)
Directional Patch	5150-5875	9.4 dBi	R380.900.904	Mast/Wall Mount Directional Patch	2' RG-58 A/U, White	SMA Jack (Female)
Omni Ceiling	2400 - 2500	2 dBi	R380.500.501	Low Profile White Omni Ceiling	12" Plenum Rated, White	No Conn
Omni Ceiling	5200 - 5800	2 dBi	R380.900.903	Low Profile White Omni Ceiling	12" Plenum Rated, White	N/A
Omni Ceiling Dual Band	2400-2500/4900-5900	2 dBi	R380.900.500	Omni Ceiling Dual Band	12" RG-58 A/U, White	N Female
Omni Ceiling Multi Band	806 - 960/1710 - 1990	2 dBi	R380.900.910	Ceiling Mount Quad Band	12" RG-58 A/U, White	N Female
Panel/Planar Array	806 - 866	8 dBi	PA18806N	Single Element Panel	N/A	N Female
Panel/Planar Array	824 - 896	8 dBi	PA18824N	Single Element Panel	N/A	N
Panel/Planar Array	890 - 960	8 dBi	PA18902N	Single Element Panel	N/A	N
Panel/Planar Array	1850 - 1990	10 dBi	PA2101850N	Dual Element Panel	N/A	N
Panel/Planar Array	2400 - 2485	14 dBi	PA4142400N	Quad Element Panel	3' UD, Black	N
Panel/Planar Array	2400 - 2500	15 dBi/14 dBi	R380.500.217	Vertical Polarization	6.5" SHF-142, Black	N Female
Panel/Planar Array	2400 - 2500	15 dBi/14 dBi	R380.500.218	Horizontal Polarization	6.5" SHF-142, Black	N
Panel/Planar Array	4940-4990	21 dBi	R380.500.222	Vertical Polarization	8" SHF-142, Black	N
Panel/Planar Array	5725 - 5825	19 dBi	R380.700.203	Vertical Polarization	6.5" SHF-142, Black	N Female
Panel/Planar Array	5725 - 5825	19 dBi	R380.700.204	Horizontal Polarization	6.5" SHF-142, Black	N
Radome Omni	1427 - 1432	6.5 dBi	R380.500.224	Radome Omni	N/A	N Female
Radome Omni	2400 - 2500	8 dBi	R380.500.220	Radome Omni	N/A	N Female
Radome Omni	2400 - 2500	8 dBi	R380.500.220	Radome Omni	N/A	N Female
Radome Omni	2400 - 2500	6 dBi	R380.500.219	Radome Omni	N/A	N Female
Radome Omni	2400 - 2500	8 dBi	R380.500.226	Radome Omni	N/A	N Male
Radome Omni	2400 - 2500	6 dBi	R380.500.228	Radome Omni	N/A	N Male
Radome Omni	4940 - 4990	11 dBi	R380.500.227	Radome Omni	N/A	N Male
Radome Omni	4940 - 4990	11 dBi	R380.500.223	Radome Omni	N/A	N Female
Radome Omni	4940 - 4990	11 dBi	R380.500.223	Radome Omni	N/A	N Female
Radome Omni	5200 - 5350	10 dBi	R380.600.200	Radome Omni	N/A	N Female
Radome Omni	5200 - 5350	6 dBi	R380.600.201	Radome Omni	N/A	N Female
Radome Omni	5725 - 5875	10 dBi	R380.600.204	Radome Omni	N/A	N Male
Radome Omni	5725 - 5875	10 dBi	R380.700.205	Radome Omni	N/A	N Female
Radome Omni	5725 - 5875	6 dBi	R380.700.206	Radome Omni	N/A	N Female
Radome Omni	5725 - 5875	11 dBi	R380.700.212	Radome Omni	N/A	N Male
Stealth Blade	806-890/1850-1990	2 dBi/2 dBi	R380.900.323	Tri Band SMR/CELL/PCS	10' RG-174, Black	FME
Swivel Mount Dipole Dual Band	2400-2500/4900-5900	1.6 dBi/5 dBi	R380.500.314	Swivel Mount Dipole	N/A	RPTNC

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Outdoor Applications

Antenna Type	Frequency (MHz)	Gain	Part Number	Antenna Description	Coax	Connector
Fixed Base	806 - 866	5 dB	FB35T800WA	Blade Base / Whip Only	N/A	N Female
Fixed Base	824 - 896	5 dB	FB35T825WA	Blade Base / Whip Only	N/A	N Female
Fixed Base	890 - 960	5 dB	FB35T900WA	Blade Base / Whip Only	N/A	N Female
Fixed Base	2400 - 2500	5 dB	FB45T2400WA	Round Base / Whip Only	N/A	N Female
Panel/Planar Array	806 - 866	8 dBi	PA18806N	Single Element Panel	N/A	N Female
Panel/Planar Array	824 - 896	8 dBi	PA18824N	Single Element Panel	N/A	N
Panel/Planar Array	890 - 960	8 dBi	PA18902N	Single Element Panel	N/A	N
Panel/Planar Array	1850 - 1990	10 dBi	PA2101850N	Dual Element Panel	N/A	N
Panel/Planar Array	2400 - 2485	14 dBi	PA4142400N	Quad Element Panel	3' UD, Black	N
Panel/Planar Array	2400 - 2500	15 dBi/14 dBi	R380.500.217	Vertical Polarization	6.5" SHF-142, Black	N Female
Panel/Planar Array	2400 - 2500	15 dBi/14 dBi	R380.500.218	Horizontal Polarization	6.5" SHF-142, Black	N
Panel/Planar Array	4940-4990	21 dBi	R380.500.222	Vertical Polarization	8" SHF-142, Black	N
Panel/Planar Array	5725 - 5825	19 dBi	R380.700.203	Vertical Polarization	6.5" SHF-142, Black	N Female
Panel/Planar Array	5725 - 5825	19 dBi	R380.700.204	Horizontal Polarization	6.5" SHF-142, Black	N
Radome Omni	1427 - 1432	6.5 dBi	R380.500.224	Radome Omni	N/A	N Female
Radome Omni	2400 - 2500	8 dBi	R380.500.220	Radome Omni	N/A	N Female
Radome Omni	2400 - 2500	6 dBi	R380.500.219	Radome Omni	N/A	N Female
Radome Omni	2400 - 2500	8 dBi	R380.500.226	Radome Omni	N/A	N Male
Radome Omni	2400 - 2500	6 dBi	R380.500.228	Radome Omni	N/A	N Male
Radome Omni	4940 - 4990	11 dBi	R380.500.227	Radome Omni	N/A	N Male
Radome Omni	4940 - 4990	11 dBi	R380.500.223	Radome Omni	N/A	N Female
Radome Omni	5200 - 5350	10 dBi	R380.600.200	Radome Omni	N/A	N Female
Radome Omni	5200 - 5350	6 dBi	R380.600.201	Radome Omni	N/A	N Female
Radome Omni	5725 -5875	10 dBi	R380.600.204	Radome Omni	N/A	N Male
Radome Omni	5725 -5875	10 dBi	R380.700.205	Radome Omni	N/A	N Female
Radome Omni	5725 -5875	6 dBi	R380.700.206	Radome Omni	N/A	N Female
Radome Omni	5725 -5875	11 dBi	R380.700.212	Radome Omni	N/A	N Male
Yagi	740 - 806	8 dBi	YA6740W	4 Element Welded	N/A	N Female
Yagi	806 - 866	9 dBd/11dBi	YA5800W	7 Element Welded	N/A	N Female
Yagi	806 - 866	8 dBi	YA6800W	4 Element Welded	N/A	N Female
Yagi	824 - 896	8 dBi	YA6825W	4 Element Welded	N/A	N Female
Yagi	824 - 896	9 dBd/11dBi	YA5825W	7 Element Welded	N/A	N Female
Yagi	890 - 960	8 dBi	YA6900W	4 Element Welded	N/A	N Female
Yagi	890 - 960	9 dBd/11dBi	YA5900W	7 Element Welded	N/A	N Female

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Mounting Brackets

Part Number	Description
FB2	Mounting Bracket and Hardware for applications where mounting is at the end of a mast
FB3	Mounting Bracket and Hardware for applications where mounting is at mid-mast and more clearance is required between the mast and antenna to reduce RF interference from the mast
OCBRACKET	Mounting bracket for omni ceiling - wall or ceiling mount
YAGIKITHD	Mounting hardware for 2.5" pipe for YA3, YA5 and YA6 antennas
PAMOUNT	Panel Mount Bracket