

OmniPlanar®-TOP 200 AMR DAB-B

- Bahnantenne / Train antenna -



Purpose	Dualband receiving antenna for mounting on trains and vehicles
Verwendungszweck	Aktive DAB Dualband-Empfangsantenne zur Montage auf Schienenfahrzeugen und Kraftfahrzeugen

Technical Data			
Frequency ranges:	DAB	174 - 240 MHz	1452 - 1492 MHz
Polarization:	Vertical		
Radiation characteristics:	Omnidirectional azimuthal		
Gain:	0 dBi typ.		
Impedanz:	50 Ω		
Antenna typ:	Ring-Resonator-Antenna		
HF-connection:	N(f) female cable jack on 500mm RG223		
Amplifier internal			
Gain:	10 dB typ.		
Noise figure (50Ω):	3 dB typ.		
Impedanz :	50 Ω		
VSWR:	< 2,5 typ.		
DC voltage:	12-30V at the inner conductor - Connector Wago, Typ X-Com #769-102/021-000 (the electronic part of the antenna is not grounded on the train)		

Mechanical Data			
Size:	Diameter:	200 mm	
	Height:	60 mm	
Mounting:	4 Bolts on pitch circle 110 mm	M 8 x	50 mm 60°
Color:	Black		
Weight:	ca.1.500 g		
Proof Voltage:	15kV (optional 25kV)		
Temperature range:	-30° C to +70° C		
Degree of protection:	Antenna plastic case UV-resistance, waterproof		

Certification

German EBA Certification
Base certification from EBA - Eisenbahnbundesamt
No.22MUE6/3043310/0/03

Article number

100-58-15-01



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