WMR 50T

2-WEGE-WANDLAUTSPRECHER

BESCHREIBUNG

Der WMR 50T ist ein 2-Wege-Wandlautsprecher mit vielen Anwendungsmöglichkeiten. Er passt sich dank seines eleganten und unaufdringlichen Designs in jede Umgebung ein.
Die hochwertigen Schallwandler sorgen für eine präzise Wiedergabe des gesamten Frequenzspektrums und erreichen für ihre Größe beeindruckende Schalldruckpegel. Die Wandhalterung mit integriertem Anschlussfeld sorgt für eine schnelle und einfache Installation: Sie können ganz ohne Werkzeuge den gewünschten Neigungswinkel einstellen, den Lautsprecher befestigen und danach die Anschlüsse verbinden.

FUNKTIONEN

- Dauerbelastbarkeit 40 W RMS
- Maximaler Schalldruckpegel 110 dB SPL
- Frequenzgang 80 - 20000 Hz
- 140° x 100° Constant-Directivity-Abstrahlwinkel
- 5-Zoll-Hochleistungstieftöner
- 1-Zoll-Neodym-Kalottenhochtöner
- Selbstlöschendes Kunststoffgehäuse und Stahlgitter
- Anschlussfeld in der Wandhalterung integriert
- Schutzart IP55

SPEZIFIKATIONEN

Spezifikation	Frequenzgang (-10dB)	80 Hz ÷ 20000 Hz
	Max SPL @ 1m:	110 dB
	Horizontaler Abstrahlwinkel:	140°
	Vertikaler Abstrahlwinkel:	100°
	System-Empfindlichkeit	88 dB
Power sektion	Amplification	Full Range
	Nominalimpedanz	8 ohm
	Leistungsaufnahme	40 W RMS
	Paek Power	160 W PEAK
	Schutzschaltungen	Bulb lamp
	Übergangsfrequenz	2500
	Enpfohlener Verstärker	DMA 504, DMA 162, DMA 82, DMA 162P
Schallwandler	Dome Tweeter	1.0" neo, 1.0" v.c
	Woofer	5.0", 1.0" v.c
Input/Output sektion	Eingangsbuchsen	Euroblock
	Ausgangsanschlüsse	Euroblock
	Transformator mit Konstantspannung	70/100 V
	Auswahl der Leistung 1	40 W - 250 ohm
	Auswahl der Leistung 2	20 W - 500 ohm
	Auswahl der Leistung 3	10 W - 1000 ohm
	Auswahl der Leistung 4	5 W - 2000 ohm
	Auswahl der Leistung 5	2.5 W - 4000 ohm
Standardkonformität	IP Schutzgrad	IP 55
	Safety agency	CE compliant, UL 1480A
Physikalische daten	Hardware	Wall mount bracket
	Farbe	Black - RAL 9005, White - RAL 9003
Größe	Höhe	349 mm / 13.74 inches
	Breite	170 mm / 6.69 inches
	Tiefe	253 mm / 9.96 inches
	Gewicht	4.2 kg / 9.26 lbs
Versandinformationen	Verpackung Höhe	278 mm / 10.94 inches
	Verpackung Breite	418 mm / 16.46 inches
	Verpackung Tiefe	308 mm / 12.13 inches
	Verpackungsgewicht	5.3 kg / 11.68 lbs

RCF products are continually improved. All specifications are therefore subject to change without notice.

ARTIKEL-NUMMER

- **13100074**
  WMR 50T W
  White - RAL 9003
  EAN 8024530020033
- **13100051**
  WMR 50T
  Black - RAL 9005
  EAN 8024530017460

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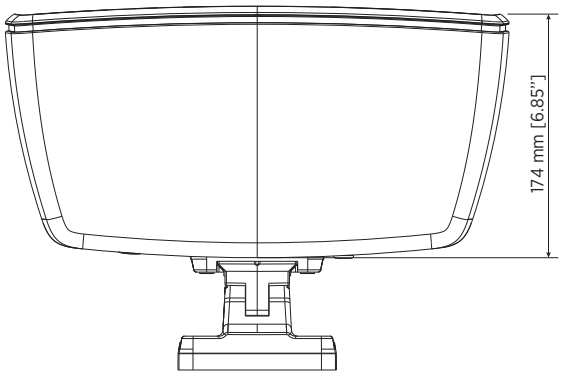
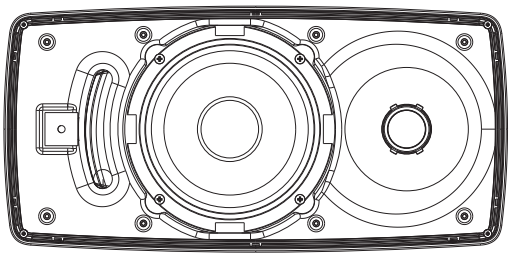
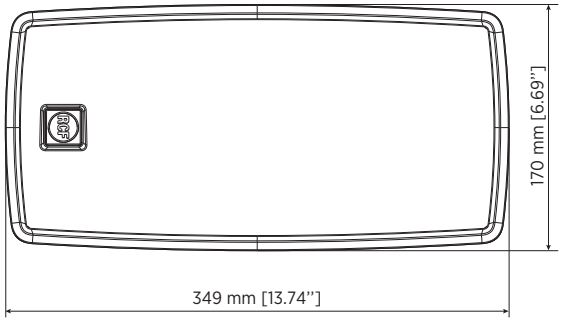
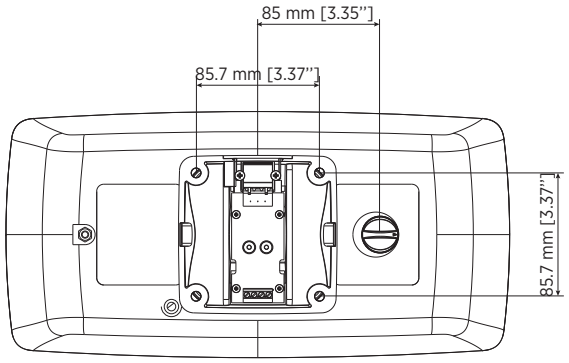
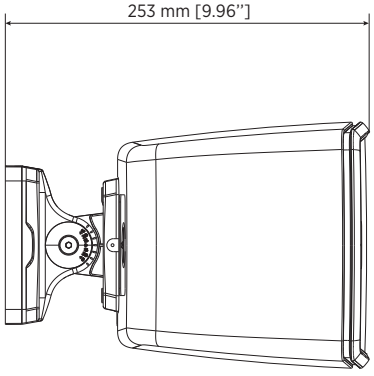
DRAWINGS

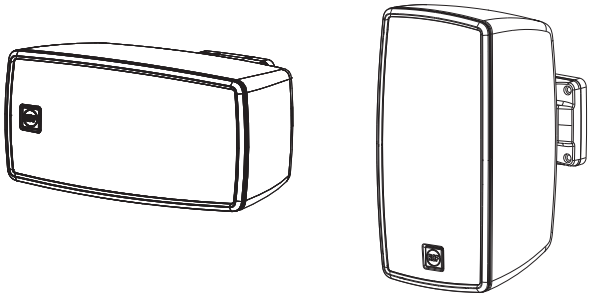

174 mm [6.85"]

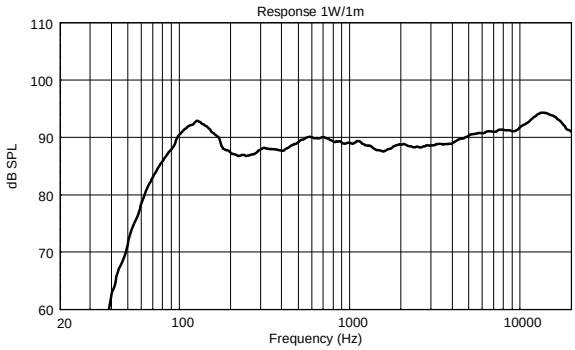


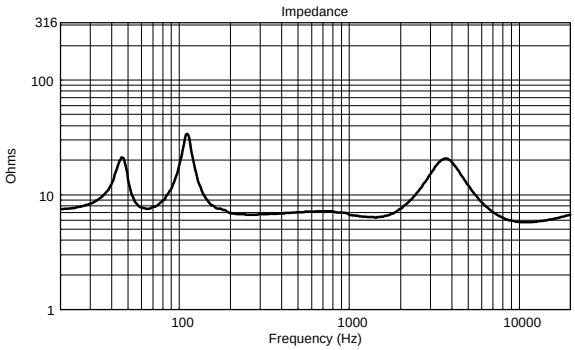

170 mm [6.69"]
349 mm [13.74"]

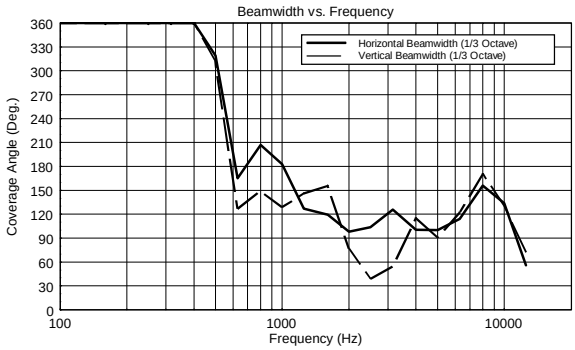

85 mm [3.35"]
85.7 mm [3.37"]
85.7 mm [3.37"]

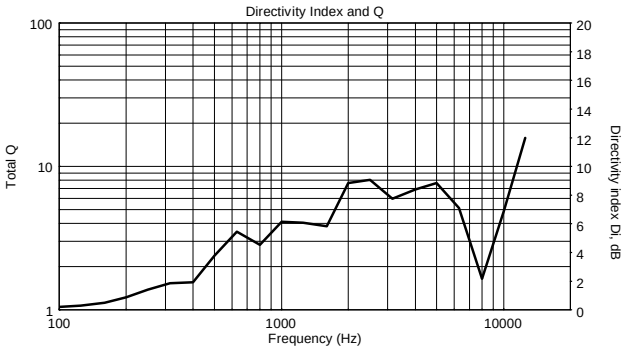

253 mm [9.96"]

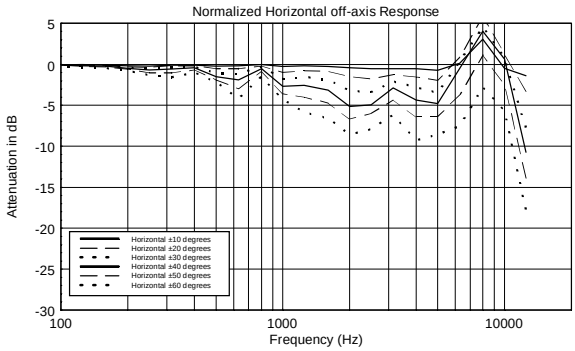


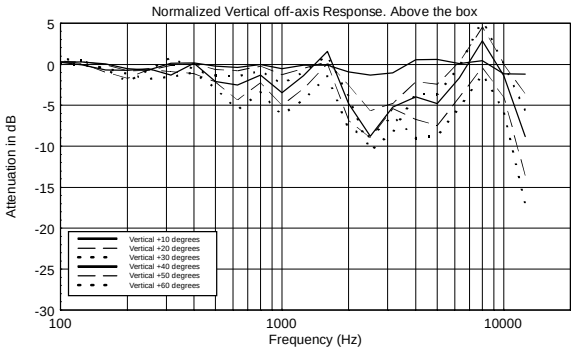

Response 1W/1m
dB SPL
110
100
90
80
70
60
20
100
1000
10000
Frequency (Hz)

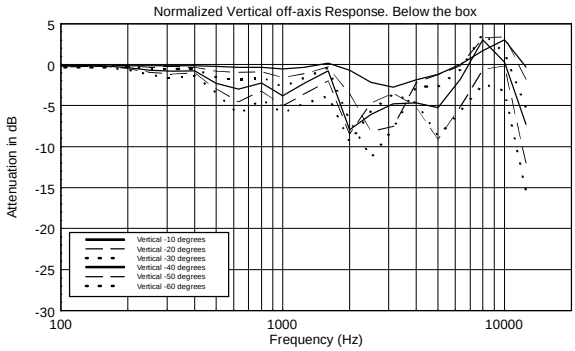

Impedance
Ohms
316
100
10
1
100
1000
10000
Frequency (Hz)

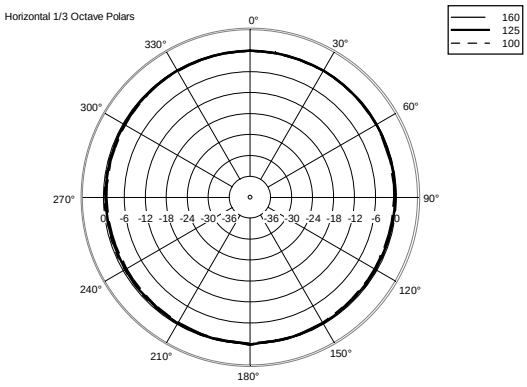

Beamwidth vs. Frequency
Coverage Angle (Deg.)
360
330
300
270
240
210
180
150
120
90
60
30
0
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
100
1000
10000
Frequency (Hz)

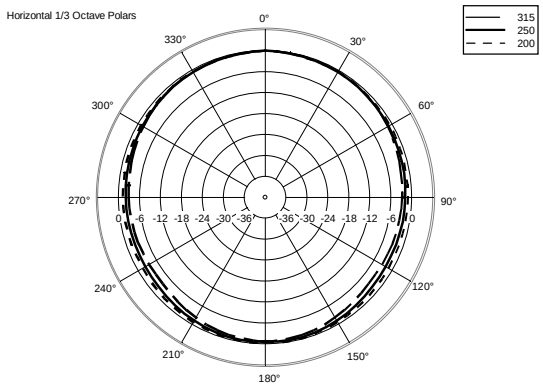

Directivity Index and Q
Total Q
Directivity index DI, dB
100
10
1
20
18
16
14
12
10
8
6
4
2
0
100
1000
10000
Frequency (Hz)

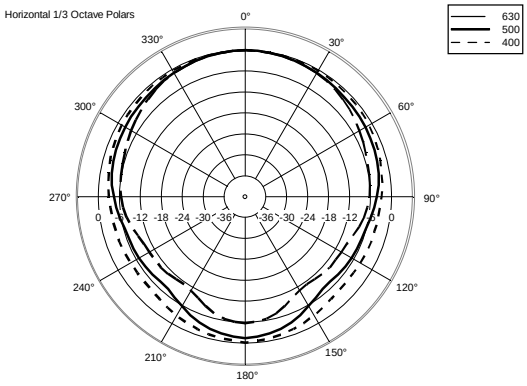

Normalized Horizontal off-axis Response
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees
100
1000
10000
Frequency (Hz)

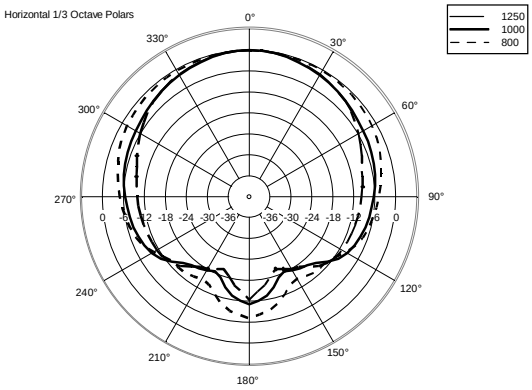

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
100
1000
10000
Frequency (Hz)

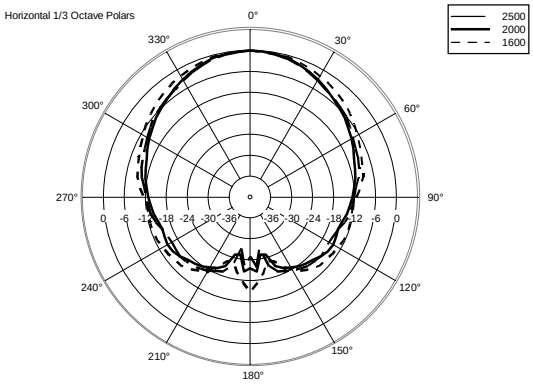

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees
100
1000
10000
Frequency (Hz)

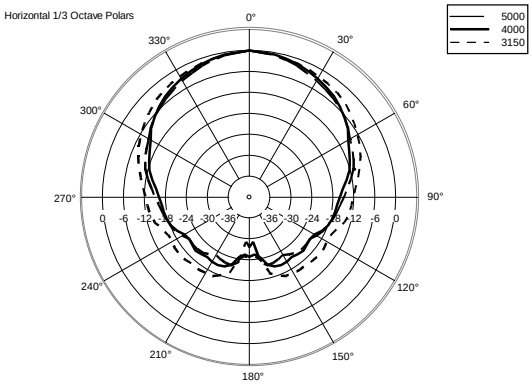

Horizontal 1/3 Octave Polars
160
125
100

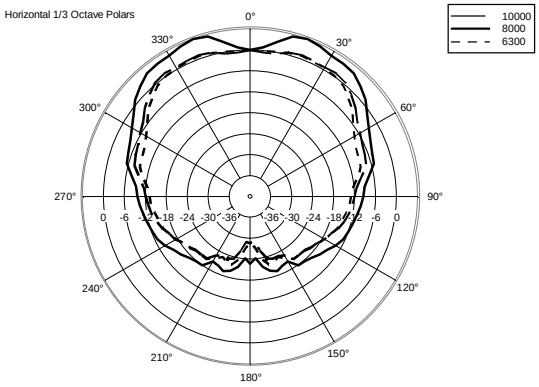

Horizontal 1/3 Octave Polars
315
250
200

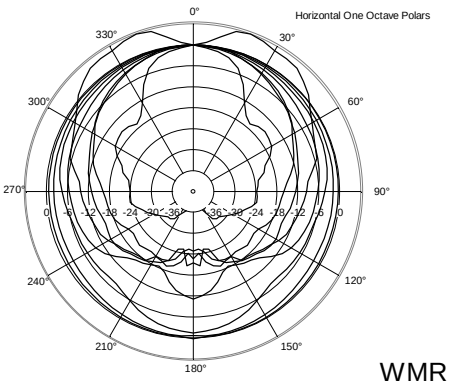

Horizontal 1/3 Octave Polars
630
500
400

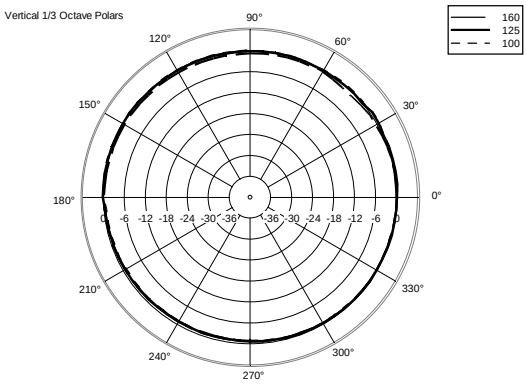

Horizontal 1/3 Octave Polars
1250
1000
800

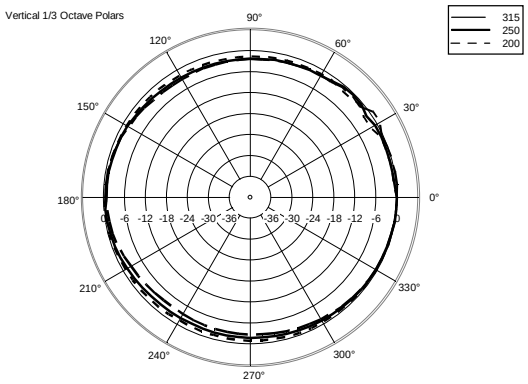

Horizontal 1/3 Octave Polars
2500
2000
1600

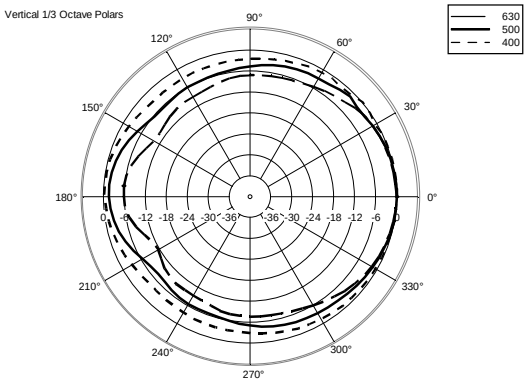

Horizontal 1/3 Octave Polars
5000
4000
3150

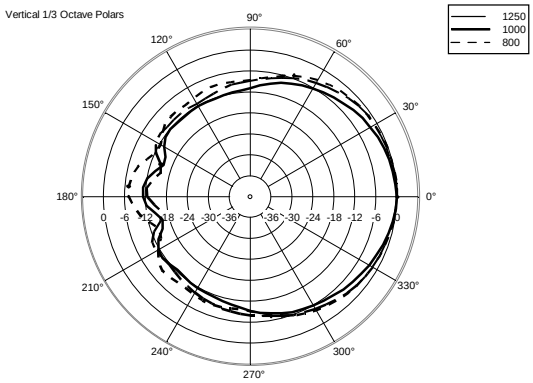

Horizontal 1/3 Octave Polars
10000
8000
6300

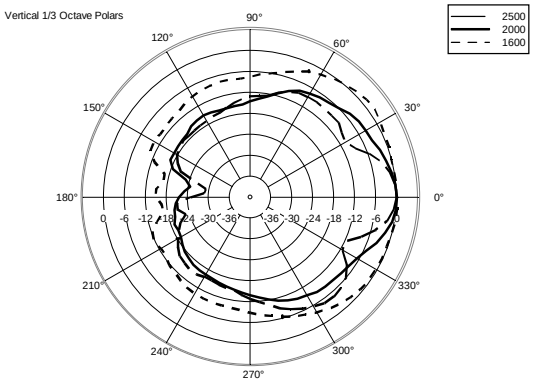

Horizontal One Octave Polars

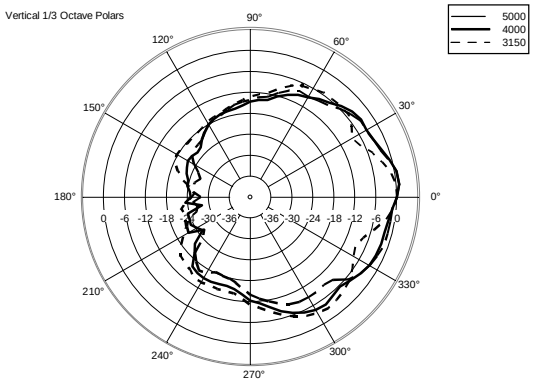

Vertical 1/3 Octave Polars
160
125
100

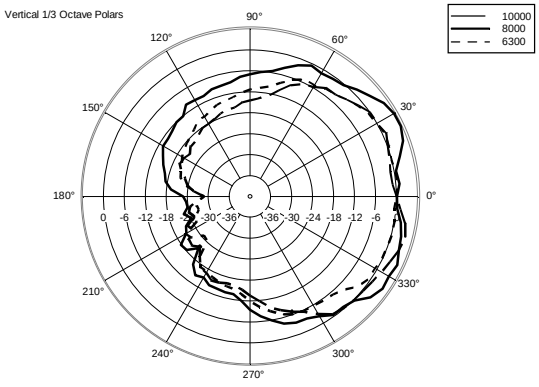

Vertical 1/3 Octave Polars
315
250
200

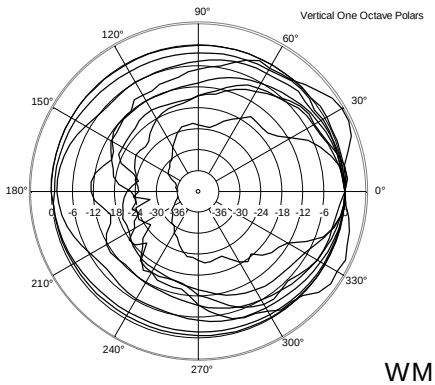

Vertical 1/3 Octave Polars
630
500
400


Vertical 1/3 Octave Polars
1250
1000
800


Vertical 1/3 Octave Polars
2500
2000
1600


Vertical 1/3 Octave Polars
5000
4000
3150


Vertical 1/3 Octave Polars
10000
8000
6300


Vertical One Octave Polars