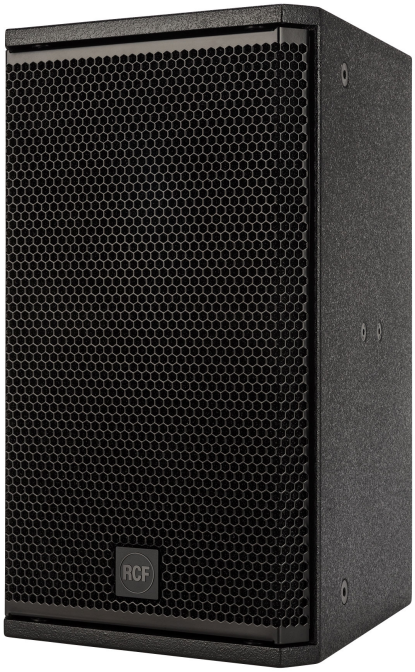
COMPACT M 10

DIFFUSORE PROFESSIONALE A DUE VIE

DESCRIZIONE

COMPACT M 10 è un diffusore a 2 vie full range polivalente, adatto per una vasta gamma di applicazioni. Grazie alla compattezza, al design elegante e discreto e alle rifiniture curate, M 10 è indicato in quasi tutte le condizioni ambientali e architettoniche. Il suono piacevole è particolarmente adatto per le applicazioni near field.
Gli accessori opzionali per l'installazione permettono il montaggio a parete o a soffitto per le applicazioni più diverse. Il diffusore M 10 può raggiungere SPL (livelli di pressione sonora) e livelli di suono non distorto ben superiori a quelli che ci si aspetterebbe da soluzioni così compatte. M 10 offre una elevata sensibilità tipica di prodotti per l'audio professionale grazie all'uso di magneti di grandi dimensioni e una qualità del suono ad alta fedeltà con risposta in frequenza ampia e omogenea grazie al dome tweeter in neodimio con guida d'onda. Il sistema di crossover comprende un dispositivo di protezione per le alte frequenze.



CARATTERISTICHE

- 300W di potenza nominale (RMS)
- 128 dB SPL massima
- Range di frequenza 60 ÷ 20000 Hz
- Direttività costante con angoli di copertura 90° x 70°
- 1 x 10" woofer
- 1 x 1.4" di bobina compression driver
- Mobile di legno in multistrato di alta qualità
- Griglia frontale in acciaio con rivestimento in poliestere
- Inserti per l'installazione disposti sui pannelli posteriore, laterali, superiore ed inferiore
- Connettore EUROBLOCK a 4 poli (ingresso audio e rilancio in parallelo)

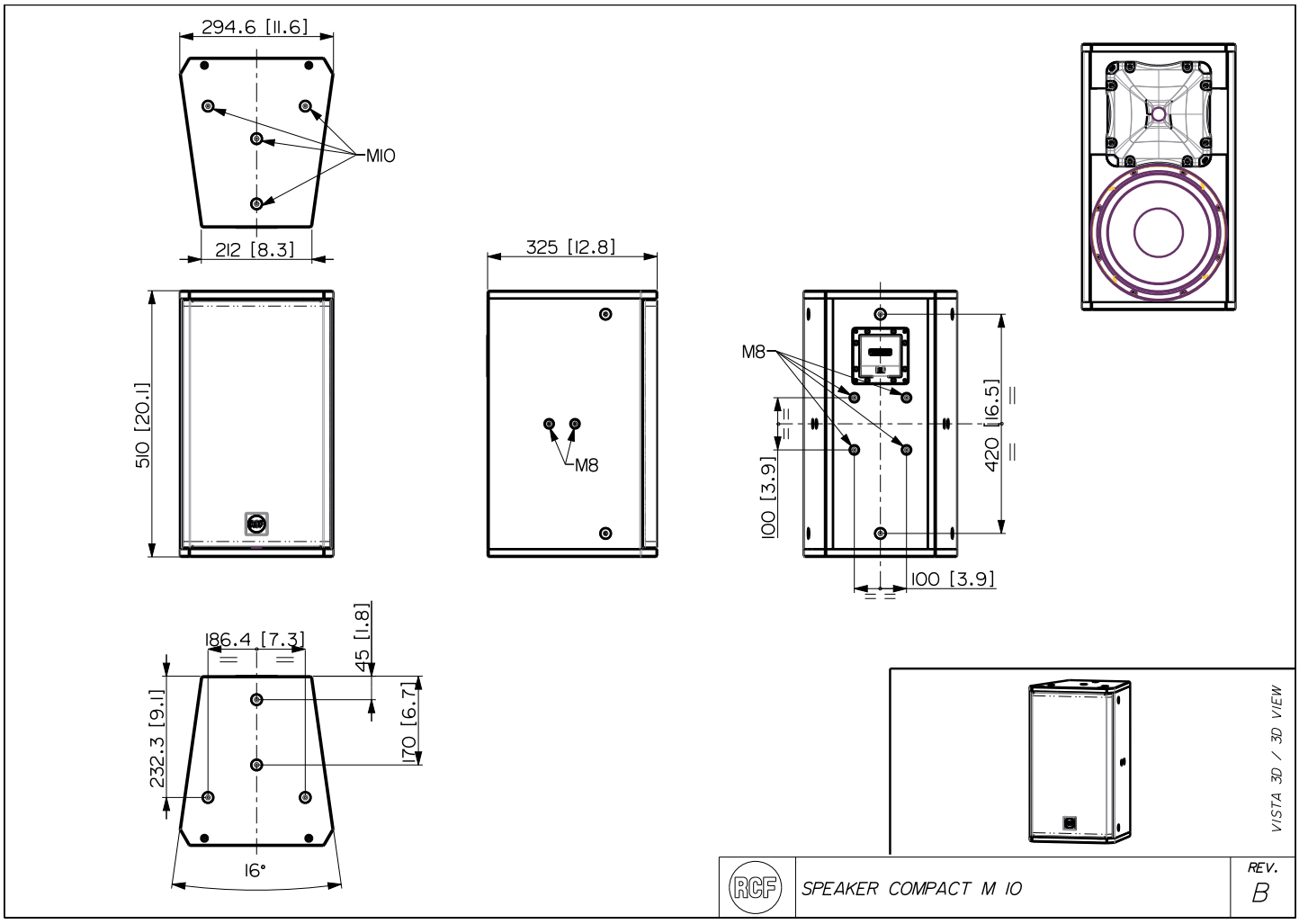
SPECIFICHE TECNICHE

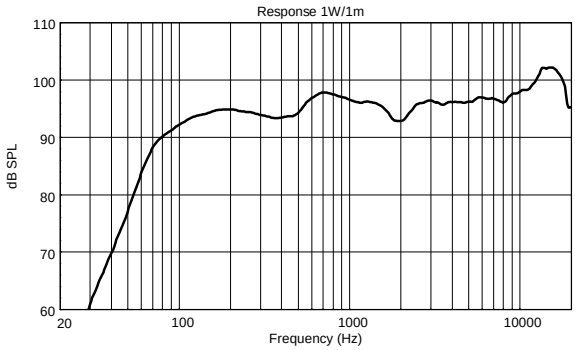
Specifiche acustiche	Risposta in frequenza (-10dB):	60 Hz ÷ 20000 Hz
	Max SPL @ 1m:	128 dB
	Angolo di copertura orizzontale:	90°
	Angolo di copertura verticale:	70°
	Indice di direttività Q:	9
	Sensibilità del sistema:	98 dB
Sezione di potenza	Amplificazione:	Full Range
	Impedenza nominale:	8 ohm
	Potenza:	300 W
	Potenza di picco:	1200 W PEAK
	Protezioni:	Dynamic active mosfet
	Frequenza di crossover:	1800 Hz
	Amplificatori raccomandati:	XPS 16K, XPS 16KD, QPS 10K, QPS 6.0K, IPS 5.0K, IPS 2.5K, IPS 1.5K, DMA 504
Trasduttori	Driver a compressione:	1 x 1.0", 1.4" v.c
	Woofer:	10", 2.5" v.c
Sezione Input/Output	Connettori in ingresso:	Euroblock
	Connessioni di uscita:	Euroblock
Conformità agli standard	Standard di sicurezza:	CE compliant
Specifiche fisiche	Hardware:	8 x M8, 8 x M10
	Colore:	Black - RAL 9005, White - RAL 9003
Dimensioni	Altezza:	510 mm / 20.08 inches
	Larghezza:	295 mm / 11.61 inches
	Profondità:	325 mm / 12.8 inches
	Peso:	17 kg / 37.48 lbs
Informazioni di spedizione	Altezza imballaggio:	545 mm / 21.46 inches
	Larghezza imballaggio:	363 mm / 14.29 inches
	Profondità imballaggio:	333 mm / 13.11 inches
	Peso imballaggio:	20 kg / 44.09 lbs

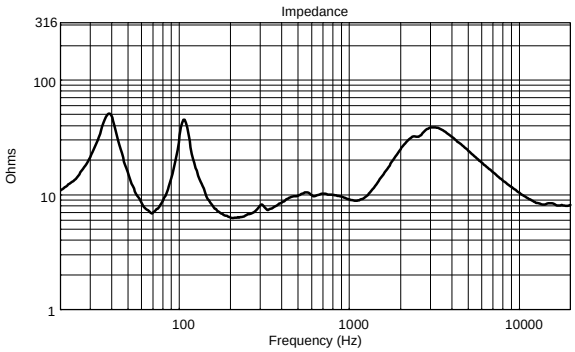
CODICE

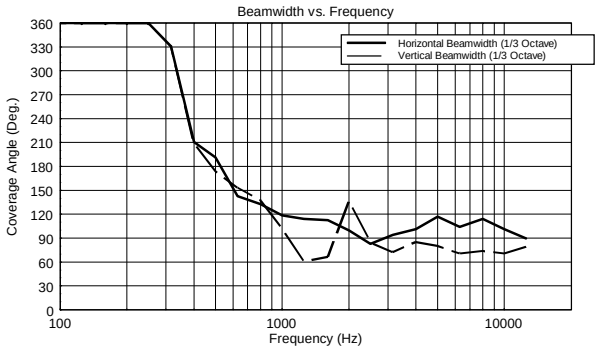
- **13000723**
  COMPACT M 10 W
  White - RAL 9003
  EAN 8024530019358
- **13000595**
  COMPACT M 10
  Black - RAL 9005
  EAN 8024530017804

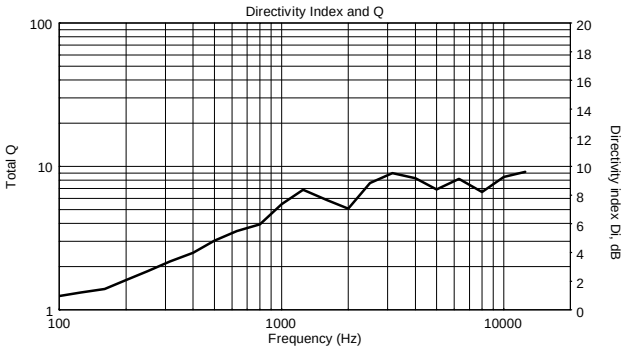
RCF products are continually improved. All specifications are therefore subject to change without notice.

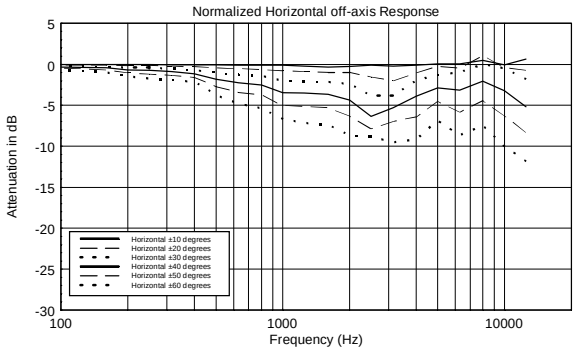

294.6 [11.6]
M10
212 [8.3]
325 [12.8]
510 [20.1]
M8
M8
420 [16.5]
100 [3.9]
100 [3.9]
186.4 [7.3]
45 [1.8]
232.3 [9.1]
170 [6.7]
16°
VISTA 3D / 3D VIEW
SPEAKER COMPACT M 10
REV.
B

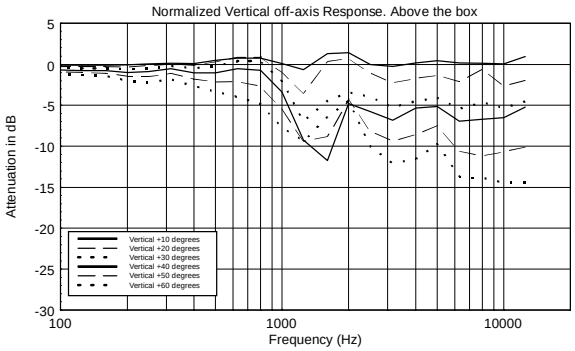

Response 1W/1m
dB SPL
110
100
90
80
70
60
20
100
1000
10000
Frequency (Hz)

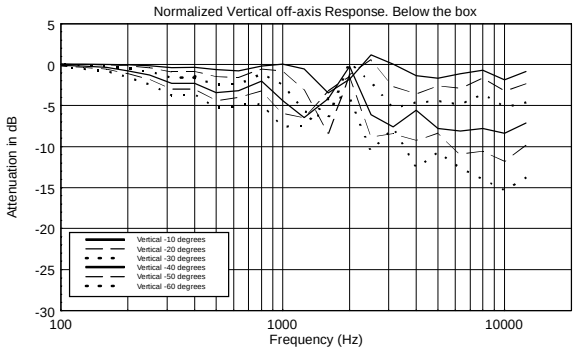

Impedance
Ohms
316
100
10
1
100
1000
10000
Frequency (Hz)

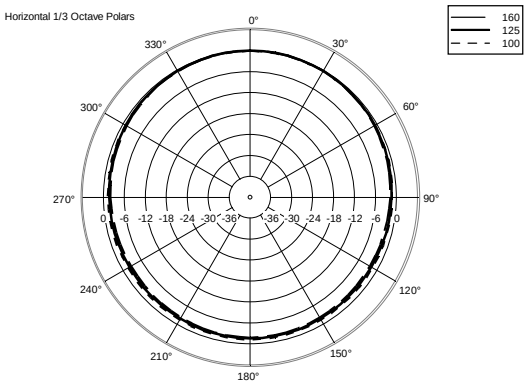

Beamwidth vs. Frequency
Coverage Angle (Deg.)
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
360
330
300
270
240
210
180
150
120
90
60
30
0
100
1000
10000
Frequency (Hz)

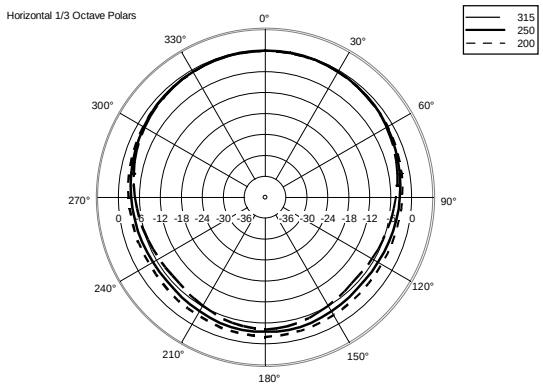

Directivity Index and Q
Total Q
Directivity index DI, dB
100
10
1
20
18
16
14
12
10
8
6
4
2
0
100
1000
10000
Frequency (Hz)

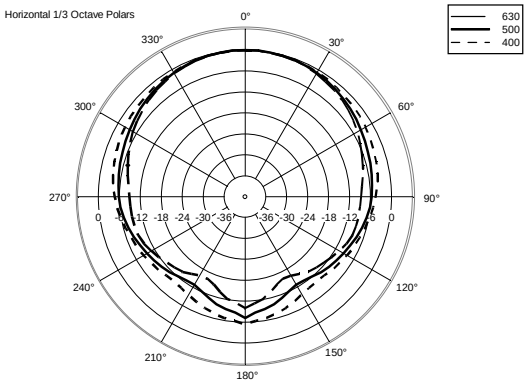

Normalized Horizontal off-axis Response
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees
100
1000
10000
Frequency (Hz)

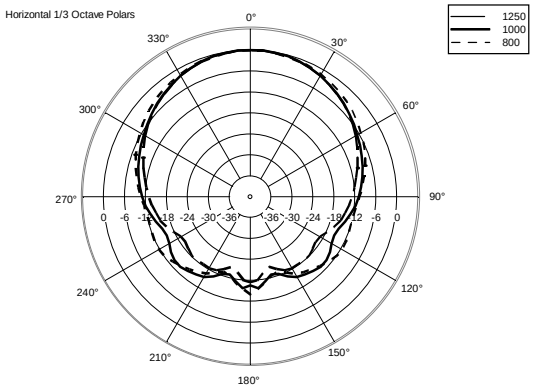

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
100
1000
10000
Frequency (Hz)

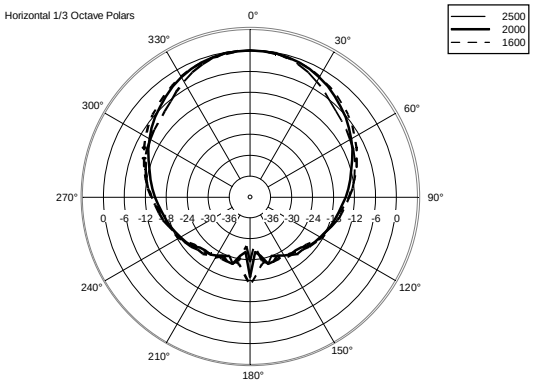

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees
100
1000
10000
Frequency (Hz)

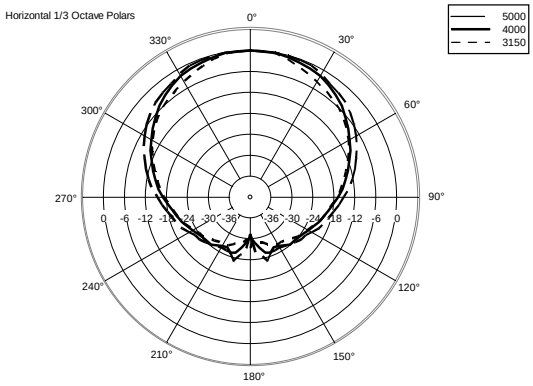

Horizontal 1/3 Octave Polars
160
125
100

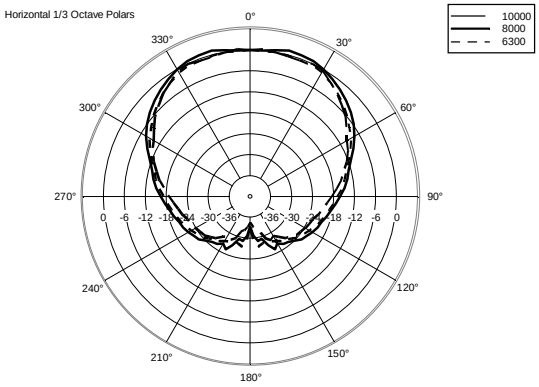

Horizontal 1/3 Octave Polars
315
250
200

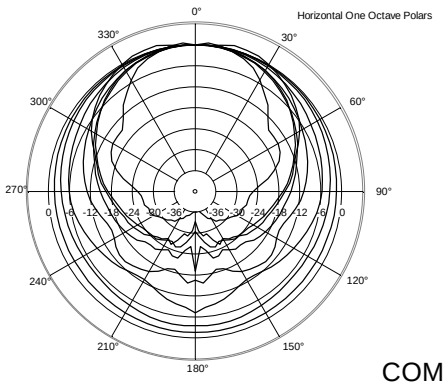

Horizontal 1/3 Octave Polars
630
500
400

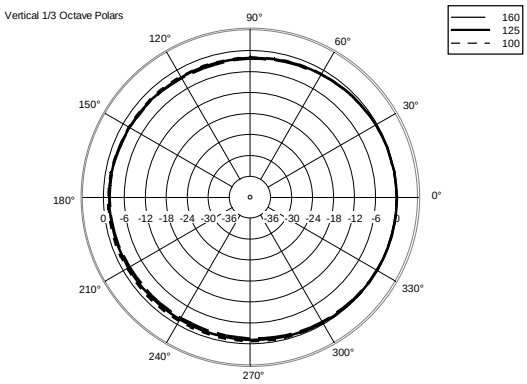

Horizontal 1/3 Octave Polars
1250
1000
800

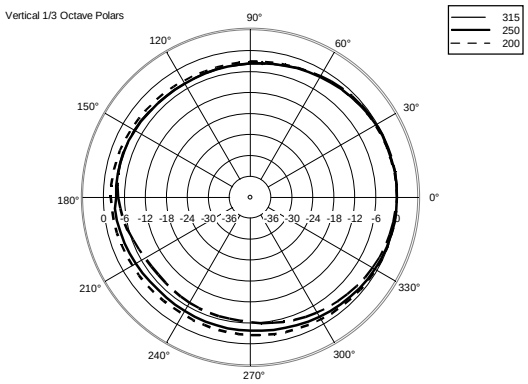

Horizontal 1/3 Octave Polars
2500
2000
1600

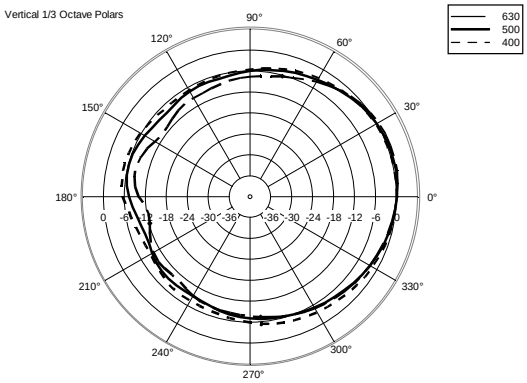

Horizontal 1/3 Octave Polars
5000
4000
3150

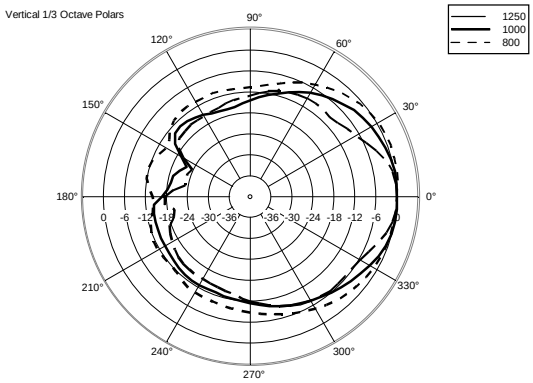

Horizontal 1/3 Octave Polars
10000
8000
6300

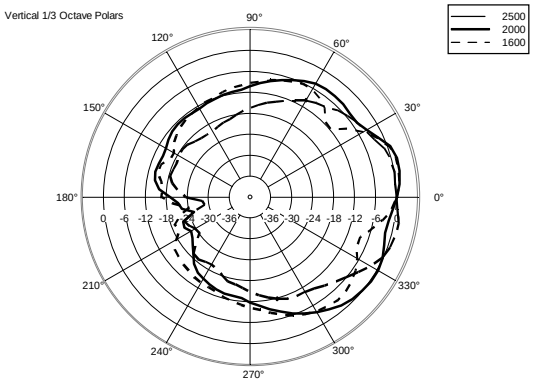

Horizontal One Octave Polars

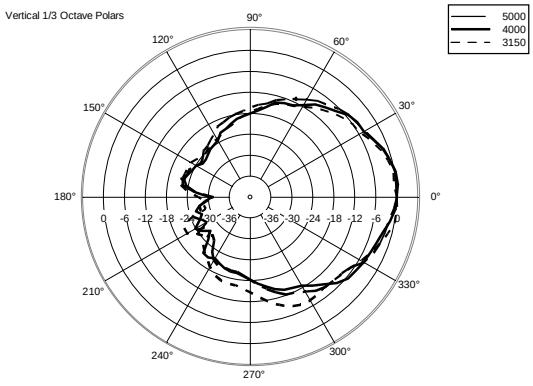

Vertical 1/3 Octave Polars
160
125
100

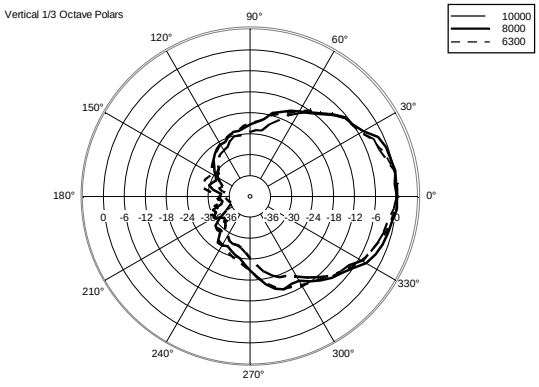

Vertical 1/3 Octave Polars
315
250
200

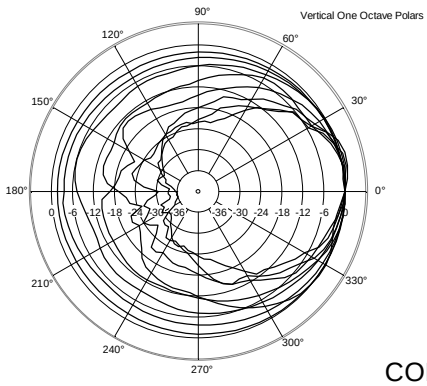

Vertical 1/3 Octave Polars
630
500
400


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

ACCESSORI

HORIZ. BRACKET H-BR 2X COMPACT M 10

CODICE **13360444**
EAN: 8024530018276

HORIZ. BRACKET H-BR 2X COMPACT M 10 W

CODICE **13360463**
EAN: 8024530019563

PANEL PNL IN-OUT AMPHENOL

CODICE **12399063**
EAN: 8024530020149

PANEL PNL IN-OUT SPEAKON

CODICE **12399062**
EAN: 8024530018733

VERTICAL BRACKET V-BR 2X COMPACT M 10

CODICE **13360447**
EAN: 8024530018306

VERTICAL BRACKET V-BR 2X COMPACT M 10 W

CODICE **13360466**
EAN: 8024530019587

WALL MOUNT BRACKET SWM-BR NC

CODICE **13360199**
EAN: 8024530007355