

ROUND CO-AXIAL METAL CEILING Loudspeakers



- **RCS6/TCOAX**
- **RCS6/FTSCOAX**

TECHNICAL SPECIFICATIONS

Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms, 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective frequency range, Hz (BSEN60268-5)	RCS6/TCOAX: 65-20KHz RCS6/FTSCOAX: 95-20KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10kHz	RCS6/TCOAX: 91 RCS6/FTSCOAX: 92
S.P.L. @ Full power Octave Bandwidth, dB	RCS6/TCOAX: 101 RCS6/FTSCOAX: 102
Acoustic Power (dB-PWL@1 watt) 1k/2kHz, dB	RCS6/TCOAX: 88/89 RCS6/FTSCOAX: 89/88
Dispersion at 1k/2k Hz, Degrees	RCS6/TCOAX: 180/180 RCS6/FTSCOAX: 180/180
Directivity Axial Q factor, 1k/2kHz	RCS6/TCOAX: 2.2 /4.3 RCS6/FTSCOAX: 2.3/4.2
IP Rating	21
Max/Min Ambient Temp	70°/-25°
Dimensions, diameter, mm	Ø239
Net weight, Kgs	RCS6/TCOAX: 1.4 RCS6/FTSCOAX: 2.0
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS6/TCOAX : Ø190 RCS6/FTSCOAX : Ø200

- RCS6/FTSCOAX is BS5839 Part 8 voice alarm compliant but not EN54-24 Certified
- RCS6/TCOAX IP Rating taken from the front of the speaker when installed horizontally in a ceiling
- Recommended for internal use only unless fitted with a CRSC/6 weatherproof cover

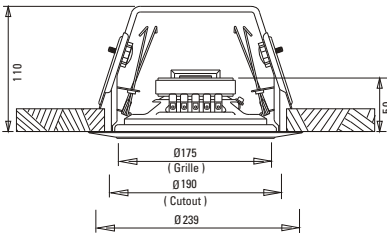
Manufacturer reserves the right to alter specifications without notice

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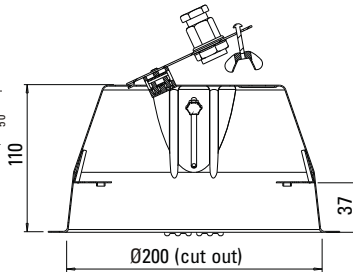
RCS6/TCOAX RCS6/FTSCOAX

ROUND CO-AXIAL METAL CEILING LOUDSPEAKERS

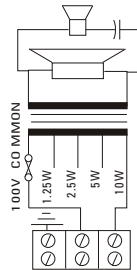
▼ **RCS6/TCOAX**
side view
unit: **mm**



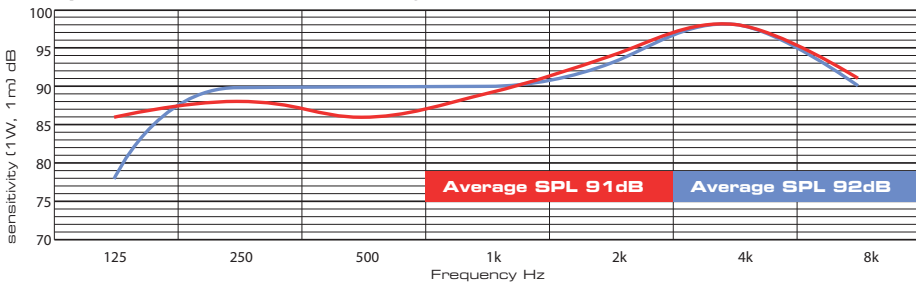
▼ **RCS6/FTSCOAX**
side view
(gland not supplied)
unit: **mm**



▼ **circuit diagram**
RCS6/FTSCOAX



speech octave band sensitivity



Effective Frequency Range

- **RCS6/TCOAX** 65Hz - 20KHz
- **RCS6/FTSCOAX** 95Hz - 20KHz



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