

SLATEFIBER 165 SF3

Product sheet

The second generation Slatefiber range relies on its exclusive technology, designed and developed by Focal engineers to combine precision, responsiveness and robustness. Every car journey becomes a clear, dynamic listening experience, true to Focal's signature sound. From passive kits to the subwoofers, the range offers perfect sound coherence across its models, as well as a bold design. The Slatefiber solutions are characterised by their performance, versatility and easy installation.

Separable crossovers

Detachable tweeter and woofer crossovers for more flexible installation options.

Adjustment of tweeter level

Three positions (-3/0/+3dB) allow the level to be adjusted to suit the installation and the desired balance.

Al/Mg inverted dome tweeter

Tweeter with different mounting methods: surface-mount on original locations or on angled bracket.

Midrange installation brackets

Designed for intuitive installation in the original slots of certain General Motors, Toyota and Mercedes-Benz vehicles.

Slatefiber cone

Made in France in the Focal workshops from recycled non-woven carbon fibre. Performance and eco-responsibility.

Aluminium chassis

A unique 'rotor' design, designed with an assertive style and a great resistance in mind. Long-lasting performances.

Butyl surround

Cone control for constant performance.

2 1/2" (65mm) midrange

Compact and designed for easy integration.



Key points

- Exclusive Slatefiber technology - Cone made in France in Focal's workshops
- High power handling, for long-lasting performances, even at high volume
- Optimised efficiency to limit amplification requirements
- Solid design and rigorously selected materials for long-term reliability
- Grilles included

SPECIFICATIONS

Woofer	6 1/2" (165mm)
Midrange	2 1/2" (65mm)
Maximum power	160W
Nominal power	80W RMS
Sensitivity (2.83V/ - 1m)	91dB
Frequency response	55Hz - 21kHz
Impedance	4Ω
Depth	2 3/4" (70mm)
Voice coil diameter	1" (25mm)
Magnet	Ferrite
Surround	Butyl
Adjustable tweeter level	-3dB / 0dB / +3dB

SLATEFIBER

165 SF3

Technical Sheet

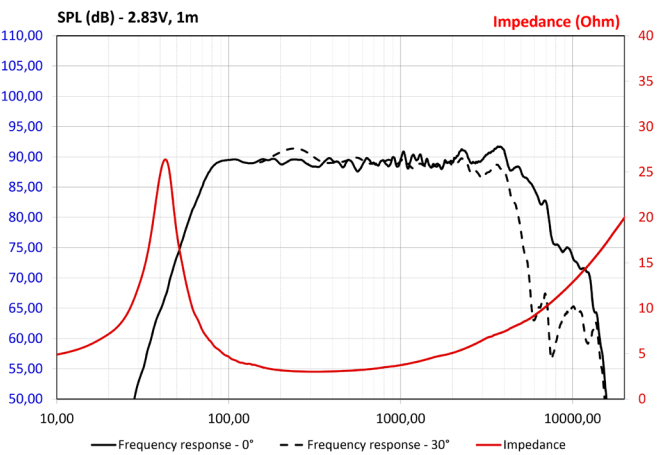
6.5" speaker



SPECIFICATIONS

Nominal power	80W RMS	
Maximum power	160W	
Sensitivity	91dB	
Nom. impedance	4Ω	
Cone	Slatefiber	
Surround	Butyl	
DC resistance	2.8Ω	
VC diameter	25mm	1"
Former	Kapton	
Layers	2	
Wire	Copper	
Net weight	980g	2.16lbs
Frequency response (kit)	55-21kHz	
Frequency response (woofer with crossover)	55-450Hz	
Frequency response (woofer without crossover)	55-4kHz	

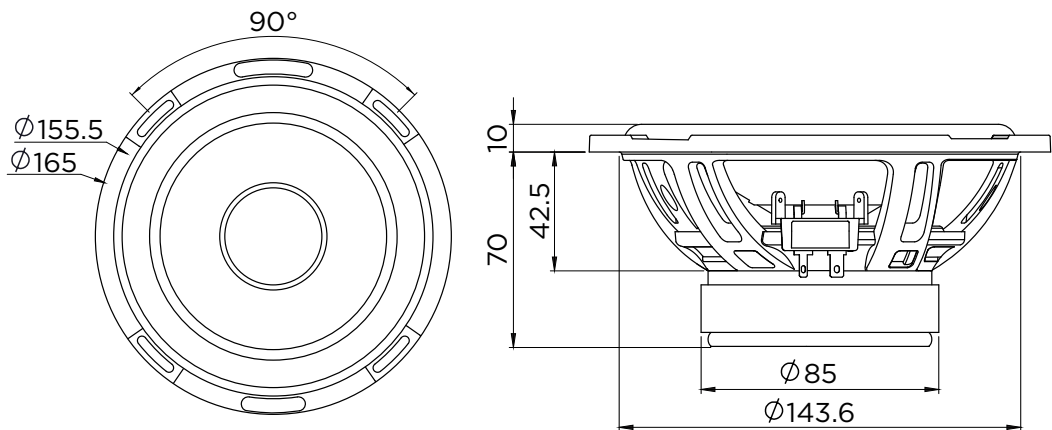
FREQUENCY RESPONSE/IMPEDANCE



PARAMETERS

Rdc	2.75Ω
Fs	50Hz
Mms	15g
Cms	0.5mm/N
Vas	12l
Qts	0.55
Qes	0.7
Qms	9
Bxl	4.7N/A
Sd	132cm ²
SPL	91dB
Xmax	4mm

MECHANICAL DRAWING (MM)



SLATEFIBER

65 SF

Technical Sheet

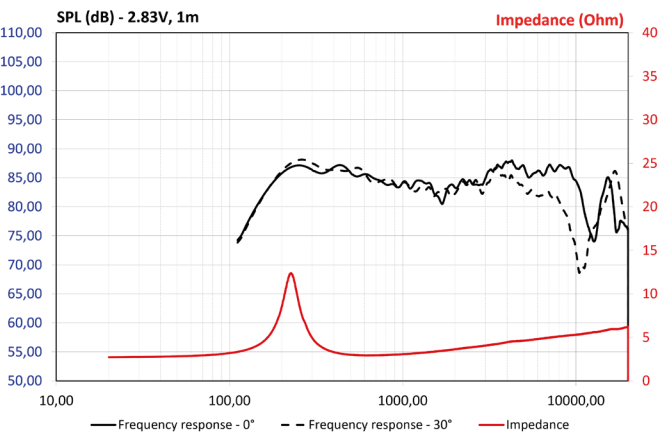
2.5" speaker



SPECIFICATIONS

Nominal power	40W RMS	
Maximum power	80W	
Sensitivity	87dB	
Nom. impedance	4Ω	
Cone	Slatefiber	
Surround	Butyl	
DC resistance	2.8Ω	
VC diameter	25mm	1"
Former	Kapton	
Layers	2	
Wire	Copper	
Net weight	150g	0.33lbs
Frequency response	250-11kHz	

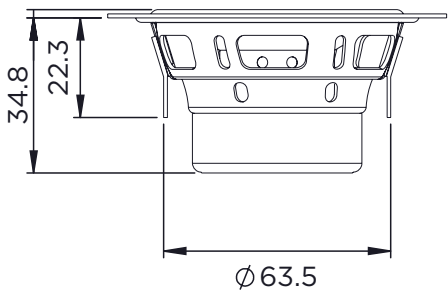
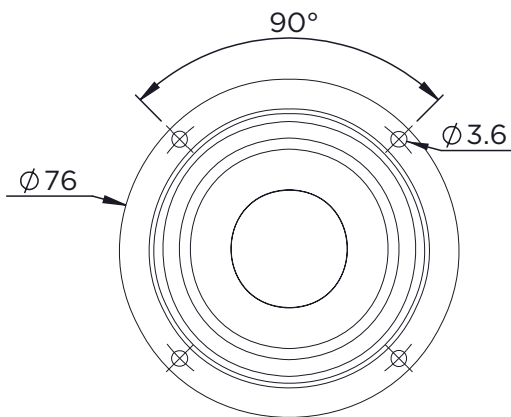
FREQUENCY RESPONSE/IMPEDANCE



PARAMETERS

Rdc	2.8Ω
Fs	230Hz
Mms	2.8g
Cms	0.2mm/N
Vas	0.12l
Qts	1
Qes	1.3
Qms	4.5
Bxl	2.9N/A
Sd	22cm ²
SPL	87dB
Xmax	2mm

MECHANICAL DRAWING (MM)



SLATEFIBER TWEETER

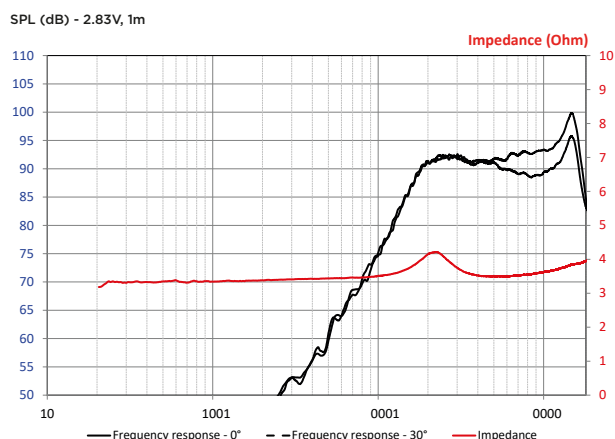
Technical Sheet



SPECIFICATIONS

Nominal power	15W RMS	
Maximum power	100W	
Sensitivity	93dB	
Nom. impedance	4Ω	
Frequency response	3000Hz-21kHz	
Cone	Al/Mg	
Surround	Poron®	
VC diameter	20mm	0.8"
Net weight	50g	0.11lbs

FREQUENCY RESPONSE/IMPEDANCE



PARAMETERS

Rdc	4Ω
Fs	2.6KHz

MECHANICAL DRAWING (MM)

