

Technical Data Sheet



VENUS FLA SCM

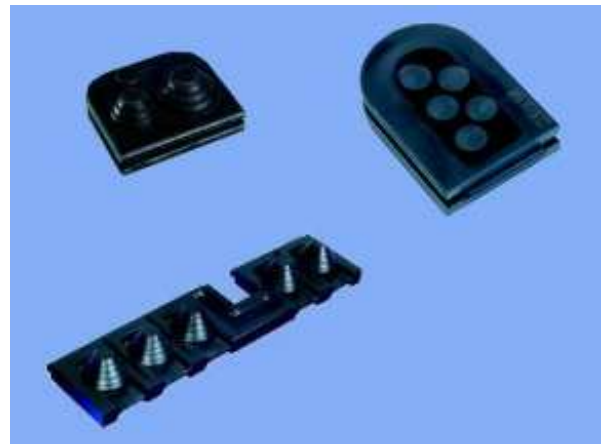
VENUS Material

Outside Material

Component	Material	Colour	Flammability
Back panel	ASA UV – stabilized, halogen free	grey, RAL 7040	UL94-HB
Cover	ASA UV – stabilized, halogen free	grey, RAL 7040	UL94-HB
Entry plug	EPDM+PP - Santoprene 101-64	Black, RAL 9005	UL94-HB

Inside Material

Mounting plate	Stainless steel (1.4301)		
Strain relief	PA66 – GF	Black, RAL 9005	UL94-HB



Material of accessories

Part	Material
Pole fixing bracket	Stainless steel (1.4301)
Cable clamp	Stainless steel (1.4301)



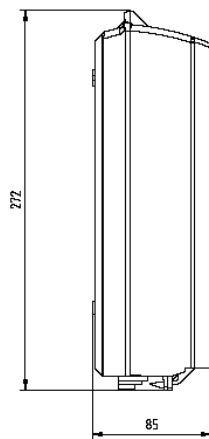
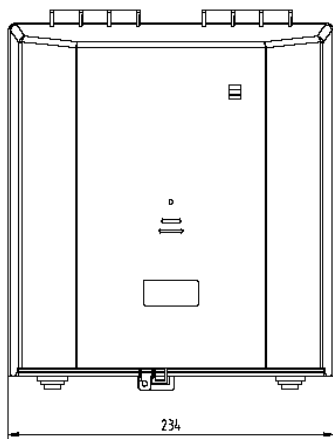
Pole fixing bracket



Cable clamp

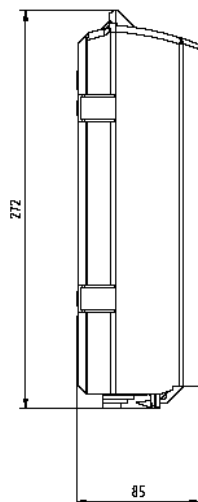
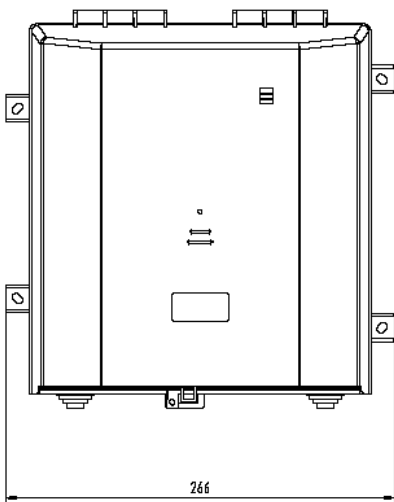
VENUS Dimensions

VENUS Type	Max. Capacity with connection	Entry plug for cable in mm	Dimensions in mm (width x depth x height)
Type FLA (Fiber LArge) SCM (Single Circuit Management) for:			
Splice through (without look) fixing points inside or outside	max. 6 Single Element trays max. 12 Single Circuit trays	2 x Ø 25 5 x Ø 13 4 x Ø 4	234/266 x 85 x 272
Splice through (with look) fixing points inside or outside	max. 6 Single Element trays max. 12 Single Circuit trays	2 x Ø 25 5 x Ø 13 4 x Ø 4	234/266 x 85 x 272



VENUS FLA SCM (fixing points inside)

Width : 234 mm
 Depth : 85 mm
 Height : 272 mm, open 500 mm
 Weight : approx. 815 g



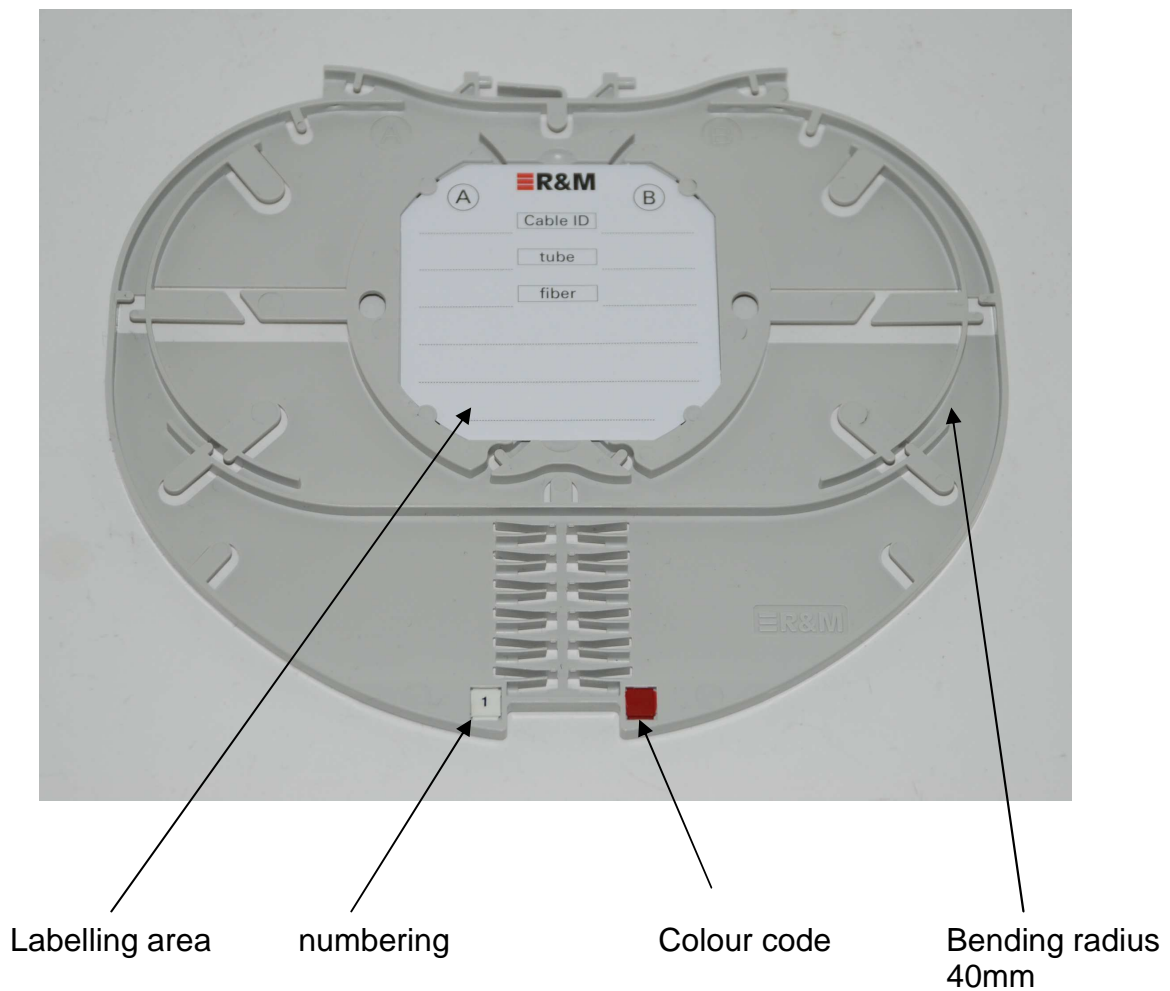
VENUS FLA SCM (fixing points outside)

Width : 266 mm
 Depth : 85 mm
 Height : 272 mm, open 500 mm
 Weight : approx. 820 g

SCM trays

Material SCM trays

Component	Material	tray colour	holder colour
SC tray (max. 6 fibers)	PC/ABS UL94: V0	telegrey, RAL 7047	n.a.
SE tray for heat shrink (max. 24 fibers)	PC/ABS UL94: V0	telegrey, RAL 7047	telegrey, RAL 7047
SE tray for crimp splice (max. 24 fibers)	PC/ABS UL94: V0	telegrey, RAL 7047	fehgrey, RAL 7000
SE tray for splitter (max. 2:32)	PC/ABS UL94: V0	telegrey, RAL 7047	black, RAL 9005



Single Element trays



- SE - Single Element tray for 24 fibers with heat shrink holder
- bending radius 40mm
 - easy to cross out the fibers



- SE - Single Element tray for 24 fibers with crimp splice holder
- bending radius 40mm
 - easy to cross out the fibers



- SE - Single Element tray for 24 fibers with splitter holder for individual sizes (max. 2:32)
- bending radius 40mm
 - easy to cross out the fibers

Single circuit tray



SC - Single Circuit tray for 6 fibers with splitter holder for heat shrink and/or crimp splice)

- Bending radius 40mm
- Easy to cross out the fibers

Venus Box

Mechanical characteristics		
Characteristics	Description	According to
Handling at operation temperature test	Assemble and termination at operation temperature: - 20°C / + 55°C	IEC 60721-3-4
Transport and storage temperature test	Open / close the box at transport and storage temperature: - 40°C / +85°C	Internally test
drop test	No damages at fall: - From 2 meters altitudes upon wood-ground - From 4 meters altitudes upon asphalt-ground	Internally test
Impact test	Impact on differently parts of the box: (After 35 weeks dry heat at +85°C) - Impact 6.8Nm (1.3 meter, 0.54 Kg, Ø50.8mm)	UL 1863, No. 34
Vibration test	Vibration in x-, y-, z-axis: - 10 Hz up to 19 Hz, 1g acceleration - 19 Hz up to 55 Hz, 0.75mm amplitude - 55 Hz up to 150 Hz, 1g acceleration	IEC 60068-2-6 VDE 0804 Bellcore TR-NWT 000975 VDE 0804

Environmental characteristics		
Characteristics	Description	According to
Dust and Water protection	IP54 (with cable entry plug) Dust: Protection against dust (no aggressive deposits) Water: Protection against splashing water from all directions	IEC 60529
Salt mist test	Temperature: 35°C Salt concentration: 50g NaCl / liter at pH 6.5 Salt mist quantity: 1,8ml / hour • 80cm ² Time: 96 hour	IEC 60068-2-11
Sulphur dioxide test	Temperature: 22°C Gas concentration: 10ppm SO ₂ Relative Humidity: 75% Time: 10 days	IEC 60068-2-42
Hydrogen sulphide test	Temperature: 22°C Gas concentration: 1ppm H ₂ S Relative Humidity: 75% Time: 4 days	IEC 60068-2-43
Dry heat	Temperature: 85°C Time: 14 weeks	IEC 60068-2-2
Damp heat, cyclic (12 + 12-hour cycle)	Temperature: 25°C / 55°C Relative Humidity: 93% Time: 14 weeks	IEC 60068-2-30

About this data sheet

This document has been drafted with utmost care and reflects the products engineering level at the time of publication. Amendments or corrections to this document will be included in each new edition. Subject to technical change without notice.

March 2010