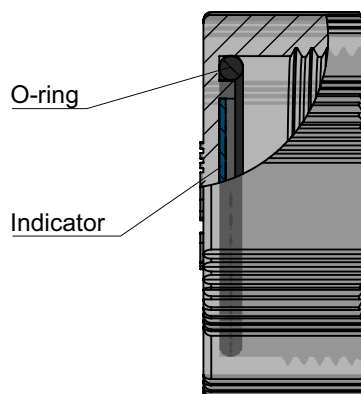
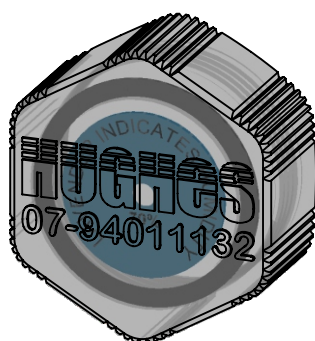




Product Specification

Clean Cap For 4.3-10 Female Connectors

07-94011132



Description

Anti-Humidity protection cap for 4.3/10 female coaxial connectors.

Humidity is a little known silent source of PIM. Clean Cap is an IP68 protective cover for unconnected antennae ports and other unconnected interfaces. A humidity indicator to alert users to the presence of humidity and acts as a warning to the potential presence of PIM and other connection based problems.

Technical Specification

Suitable for	4.3-10 Female Connectors
Sealing	EPDM O-Ring
Waterproof Rating	IP68 (when mated)
RoHS	Compliant

Material Specification

Material	Transparent PC with UV Inhibitor	
UV Resistance	UV380 Resistance, Good	
Flammability	Nominal Value Unit	Test Method
Flame Rating – UL		UL94
	0.0748 in	HB
	0.0157 in	V-2
Optical	Nominal Value Unit	Test Method
Refractive Index	1.585	ASTM D542
Transmittance (118 mil)	88.0%	ASTM D1003
Electrical	Nominal Value Unit	Test Method
Surface Resistivity	1.0E+15 Ω	IEC 60093
Volume Resistivity	1.0E+15 $\Omega \cdot \text{cm}$	IEC 60093
Dielectric Strength (0.0630in) ⁵	762 V/mil	ASTM D149
Dielectric Constant		
	60 Hz	2.950
	1E+6 Hz	2.900
Arc Resistance	110sec	ASTM D495
Electric Strength	760 V/mil	IEC 60243-1



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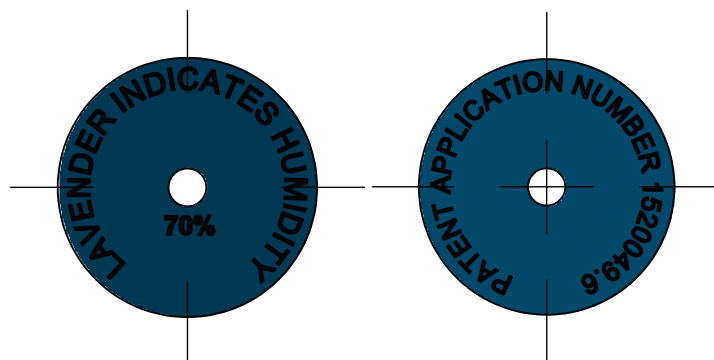
Product Specification

Anti-PIM Dust Cap

For 4.3-10 Female Connectors

07-94011132

Humidity Indicator Specification



Material	Blotting Paper containing CoCl ₂	
Ideal Working Temperature	23°C / 73°F	
Humidity Indicated at	70%	
Concentration Levels	Code	Concentration
Blotting Paper	MIL-D-8835	>99.85%
Cobalt Chloride	7646-79-9	<0.15%

Note: Material Safety Data Sheet available upon request

When reading the indicator, the blue colour means that the relative humidity is lower than 70%, the level in which the indicator is designed to detect. The following colours indicate differing levels of relative humidity:



Pink if the relative humidity is **higher than 70%**

Lavender if the relative humidity is **at 70%**

Blue if the relative humidity is **below 70%**

Indicator spots will change within 8 hours of being exposed to a change in relative humidity. The humidity spots are reversible, and the pink spots will change back to blue by placing the indicator spots within a sealed container with 33g of desiccant for 4 hours.



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