

**Customer Information:**

**Product Replacements with New Version Number**

We hereby wish to give you a notification in advance of the redesign of certain Kathrein antenna types with last order date being the **31<sup>th</sup> of March 2013**.

In line with generic market requirements, we have initiated the development of new versions of the following antennas:

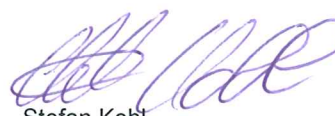
New antenna version	New Spec	Former antenna version	Former Spec	Change
80010290V02 Start of production 4.Q 2012	XXXPoI Panel 790-960/1710-2180/1710-2180 65°/65°/65° 15/15/15dBi 0°-14°/0°-14°/0°-14°T	80010290V01	XXXPoI Panel 806-960/1710-2180/1710-2180 65°/65°/65° 15/15/15dBi 0°-14°/0°-14°/0°-14°T	Extended low-band
80010665V01 Start of production 4.Q 2012	XXPoI Panel 790-960/1710-2690 65°/65° 16/18.5dBi 0°-10°/2°-8°T	80010665	XXPoI Panel 790-960/1710-2690 65°/65° 16/18.5dBi 0°-10°/0°-6°T	Shifted down-tilt
80010675V01 Start of production 2.Q 2013	XXXPoI Panel 790-960/1710-2170/2490-2690 65°/65°/65° 16/18/18dBi 0°-10°/2°-8°/2°-8°T	80010675	XXXPoI Panel 790-960/1710-2170/2490-2690 65°/65°/65° 16/18/18dBi 0°-10°/0°-6°/0°-6°T	Shifted down-tilt
80010686V01 Start of production 1.Q 2013	XXXXPoI Panel 790-960/1710-1880/1920-2170/2490-2690 65°/65°/65°/65° 17/18/18/18dBi 0°-10°/2°-8°/2°-8°/2°-8°T	80010686	XXXXPoI Panel 790-960/1710-1880/1920-2170/2490-2690 65°/65°/65°/65° 17/18/18/18dBi 0°-10°/0°-6°/0°-6°/0°-6°T	Shifted down-tilt
80010692V01 Start of production 1.Q 2013	XXXPoI Panel 698-960/1710-2690/1710-2690 65°/65°/65° 17/17/17dBi 1°-10°/0°-10°/2°-10°T	80010692	XXXPoI Panel 790-960/1710-2690/1710-2690 65°/65°/65° 17/17/17dBi 0°-10°/0°-10°/2°-10°T	Extended low-band, shifted down-tilt
80010666V01 Start of production 2.Q 2013	XXPoI Panel 698-960 / 1710-2690 65°/65° 17/18,5dBi 0°-10°/ 2°-8° T	80010666	XXPoI Panel 790-960 / 1710-2690 65°/65° 17/18,5dBi 0°-10° / 0°-6°	Extended low-band, shifted down-tilt

Apart from the indicated changes, we aim to otherwise achieve and maintain the previously confirmed electrical and mechanical parameters.

Please take this product replacement into consideration for upcoming projects. In case you already know about additional demand for the former versions which is possibly not ordered yet, please kindly inform us in time.



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