

Customer Information:

Product Replacements with New Version Number

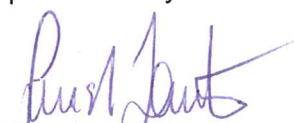
We hereby wish to give you a notification in advance of the redesign of certain Kathrein antenna types. In line with generic market requirements, we have initiated the development of new versions of the following antennas:

Antennas with last order date 30 th of June 2013				
New antenna version	New Spec	Former antenna version	Former Spec	Change
80010621V02	XPol Panel 1710-2690 65° 18dBi 2°-14°T	80010621V01	XPol Panel 1710-2690 65° 18dBi 0°-12°T	Shifted downtilt
80010622V01	XXPol Panel 1710-2690/1710-2690 65°/65° 18/18dBi 2°-14°/2°-14°T Height / width / depth: 1471 / 275 / 86 mm	80010622	XXPol Panel 1710-2690/1710-2690 65°/65° 18/18dBi 0°-12°/0°-12°T Height / width / depth: 1415 / 323 / 71 mm	Shifted downtilt, changed size

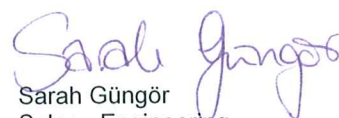
Antennas with last order date 30 th of September 2013				
New antenna version	New Spec	Former antenna version	Former Spec	Change
80010644V01	XXPol Panel 1710-2170/2490-2690 65°/60° 18/18dBi 2°-14°/2°-14°T	80010644	XXPol Panel 1710-2170/2490-2690 65°/60° 18/18dBi 0°-10°/0°-10°T	Shifted downtilt
80010676V01	XXXPol Panel 790-960/1710-2170/ 2490-2690 65°/65°/65° 17/18/18dBi 0°-10°/2°-8°/2°-8°T	80010676	XXXPol Panel 790-960/1710-2170/ 2490-2690 65°/65°/65° 17/18/18dBi 0°-10°/0°-6°/0°-6°T	Shifted downtilt in the high-band
80010691V01	XXXPol Panel 698-960/1710-2690/ 1710-2690 65°/65°/65° 16/16/16dBi 1°-10°/2°-12°/2°-12°T	80010691	XXXPol Panel 790-960/1710-2690/ 1710-2690 65°/65°/65° 16/16/16dBi 0°-10°/2°-12°/2°-12°T	Extended low-band, shifted downtilt

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

Please take these product replacements 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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