



PRODUCT OVERVIEW Energy & Industry	Smartblade	TRA169/450/ 868/900/ 2400	TRA LTE	LP450	LPCA	Alldisc Alldisc s	SmartDisc	SmartTube	LP800/ 801/802	LP701 LP702	LP868	VPD70/ VPD90	SmartInside
Characteristics	Strong adhesive. Flexible installation.	Rugged design. Special made for plug-in to 16 and 19 mm holes.	High per- forming terminal antennas for internal or external usage.	Low profile. Two fixing screws.	Low profile combination antenna, ideal for concentrator units. Hole mounted, ø 19 mm.	Low profile, high performing, rugged hole mounted, ø 19 mm antenna. Different vari- ants available.	Co-polarized, Extremely durable, hole mounted ø 19 mm or tape mount.	Omnidirectional. Combinations and optimization according to customer's requirement.	Co-polarized, Enhanced electrical isolation, center screw or 2 fixing screws.	Superior 2G/3G/4G functionality in a low profile rugged design. Patent pending technology.	Co-polarized, low profile, hole mounted, ø 19 mm. Two fixing screws.	Directional, 7 dBi gain, Smart Design	Embedded customized antenna solutions. Functionality according to customer requirements.
IP Classification		IP67		IP44	IP67	IP6K9K	IP67		IP44/IP67	IP65	IP67	IP44	IP65
169 MHz		•						•					•
ISM433/444		•						•					•
LTE450 / TETRA 450-470 MHz		•			•			•					•
ISM868 MHz / LoRa / SigFox	•	•	•		•	•		•	•	•	•	•	•
Cellular 2G/3G/4G	•	•	•		•	•		•				•	•
LTE700	•		•			•		•				•	•
Zigbee/WLAN, 2400 MHz	•	•			•	•	•		•			•	•
Internal/Embedded	•	•	•										•
External/Rugged	•	•			•	•			•		•		•
High gain/Directional												•	•