

## Cellular backhaul lightning protectors





### Application

- Protection of backhaul equipment with RJ45 interfaces

### Characteristics and specialities

- Data line protector supports cat. 5 class D and alternatively Gigabit Ethernet cat. 6, class E
- Indoor and outdoor versions available
- PoE (IEEE 802.3 at)



	Data line protectors			
	Series 3414			
				
Application	for indoor	for outdoor	for indoor	for outdoor
Type no.	3414.99.0001	3414.99.0008	3414.99.0021	3414.99.0022
Frequency range	DC to 100 MHz		DC to 250 MHz	
Ethernet cabling standard	cat. 5; class D channel link		cat. 6; class E channel link	
RF Interface - unprotected/protected side	RJ 45 female/female (8 pins)		RJ 45 female/female (8 pins)	
PoE acc. IEEE 802.3 at	✓		✓	
GDT	not replaceable, fix installed		not replaceable, fix installed	
Max. DC voltage	58 V between pairs		58 V between pairs	
Total (all lines to PE) (shield PE)	10 kA 6 kA		10 kA shield (connected) to PE	
Ingress protection rating	IP20	IP68	IP20	IP68
Order information				
Item no.	23033695	84014284	84108159	84122191
Type no.	3414.99.0001	3414.99.0008	3414.99.0021	3414.99.0022