



SPARK di CARRETTA MAURIZIO

VIA PROV.LE MODENA,59 41016 NOVI DI MODENA (MO)
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COSTRUZIONI RADIOELETTRICHE PER TELECOMUNICAZIONI

PARABOLA

SPK/120-R

CARATTERISTICHE TECNICHE / TECHNICAL SPECIFICATIONS

| | |
|---|---------------------------------------|
| DIAMETRO / DIAMETER | Ø 120 cm |
| F/D | 0,375 mm |
| DEP. | 20 cm |
| DISTANZA FOCAL / FOCAL LENGHT | 450 mm |
| RUGOSITA' / WRINKLEDNESS | ± 0,5 mm r.m.s. |
| MATERIALE / MATERIAL | ALLUMINIO / ALUMINIUM |
| SPESSORE / THICHNESS | 3 mm |
| FISSAGGIO / CLAMP | Ø 60 – 114 mm |
| STAFFE / BRACKET | ACCIAIO ZINCATO / STEEL HOT GALVANIZE |
| REGOLAZIONE PUNTAMENTO ADJUSTMRNT LAYING | H ± 10° V + 10° - 5° |
| ESPOSIZIONE AL VENTO / WIND SURFACE | 1,326 m ² |
| CARICO AL VENTO / WIND LOAD | Kgm 1193 - 42 M/s |
| PESO / WEIGHT | Kg. 24 |
| COLORE / COLOUR | RALL 7001 |



PARABOLA **SPK/120R** CON ILLUMINATORE 2,3/2,5 GHz
PARABOLIC **SPK/120R** WITH FEED 2,3/2,5 GHz

**CARATTERISTICHE ELETTRICHE CON ILLUMINATORI SPARK
ELETTRICAL CHARACTERISTICS WITH SPARK FEEDERS**

| FREQUENCY GHz | BEAMWIDTH (deg.) - 3dB | DISCRIMINAZ. H/V | F/B RATIO dB | RETURN LOSS dB | VSWR | GAIN dBi LOW END | GAIN dBi MIDBAND | GAIN dBi HIGH END | CONNECT |
|---------------|------------------------|------------------|--------------|----------------|------|------------------|------------------|-------------------|---------|
| 1,5 / 1,8 | 10,71 | 25 | 33 | -20 dB | 1,22 | 22,90 | 23,73 | 24,49 | N f |
| 1,7 / 1,9 | 9,82 | 25 | 34 | -20 dB | 1,22 | 23,99 | 24,49 | 24,96 | N f |
| 1,85 / 2,3 | 8,53 | 26 | 36 | -20 dB | 1,22 | 24,73 | 25,70 | 26,62 | N f |
| 2,3 / 2,5 | 7,36 | 26 | 38 | -20 dB | 1,22 | 26,62 | 26,99 | 27,34 | N f |
| 2,5 / 2,7 | 6,79 | 26 | 39 | -20 dB | 1,22 | 27,34 | 27,68 | 28,01 | N f |
| 2,7 / 3,0 | 6,20 | 27 | 40 | - 18 dB | 1,28 | 28,01 | 28,48 | 28,93 | N f |
| 3,0 / 3,30 | 5,61 | 27 | 40 | - 18 dB | 1,28 | 28,93 | 29,35 | 29,75 | N f |
| 3,3 / 3,5 | 5,19 | 27 | 40 | - 18 dB | 1,28 | 29,75 | 30,01 | 30,26 | N f |
| 3,5 / 3,7 | 4,90 | 28 | 41 | - 17 dB | 1,32 | 30,26 | 30,51 | 30,75 | N f |
| 3,7 / 4,0 | 4,59 | 28 | 41 | - 17 dB | 1,32 | 30,75 | 31,09 | 31,42 | N f |
| 4,64 / 7,05 | 3,02 | 30 | 44 | -18 dB | 1,28 | 32,71 | 34,71 | 36,35 | UDR58 |
| 5,38 / 8,18 | 2,6 | 30 | 44 | - 19 dB | 1,25 | 34,01 | 36,01 | 37,64 | UDR70 |
| 6,58 / 10,0 | 2,13 | 30 | 45 | - 20 dB | 1,22 | 35,75 | 37,75 | 39,38 | UBR84 |
| 8,20 / 12,25 | 1,72 | 30 | 46 | - 20 dB | 1,22 | 37,66 | 39,57 | 41,150 | UBR100 |
| 9,84 / 15,0 | 1,42 | 30 | 46 | - 19 dB | 1,25 | 39,24 | 41,27 | 42,90 | UBR120 |
| 11,9 / 18,0 | 1,18 | 31 | 48 | - 19 dB | 1,25 | 40,89 | 42,85 | 44,49 | UBR140 |
| 14,5 / 22,0 | 0,96 | 31 | 49 | - 19 dB | 1,25 | 42,61 | 44,61 | 46,23 | UBR180 |



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