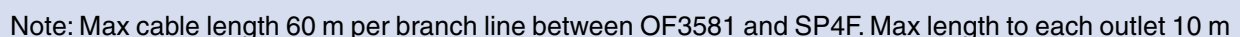
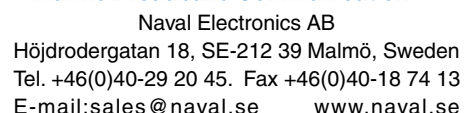


## 6090



*All specifications stated are subject to change without notice.*



2023

# NAVPLAN 48 TV/RADIO OUTLETS

## BILL OF MATERIAL

QUANTITIES ARE FOR ONE SHIP SET

| ITEM. NO | QTY   | SIZE w.x.hxd (mm)           | DESCRIPTION                                              | ART. NO | REMARKS                      | REV |
|----------|-------|-----------------------------|----------------------------------------------------------|---------|------------------------------|-----|
| 1        |       | Diam: 460<br>Height: 370    | Mark 22CA with BNC+25m coaxial cable<br>TV-AM-FM antenna | 201.040 | Optional                     |     |
| 2        | 1     | Diam: 460<br>Height: 370    | Mark 20CA with BNC+25m coaxial cable<br>TV-FM antenna    | 201.001 |                              |     |
| 3        | 1     | Max l: 1050<br>W (base): 84 | VPA 30 with BNC +25m coaxial cable<br>AM-Antenna         | 210.080 |                              |     |
| 20       | 1     | 100x182x70                  | Fi 30, Filter for combining Mk20CA and<br>VPA 30         | 201.565 |                              |     |
| 6        | 1     | 82x210x96                   | PS3522 Power box 100-250 VAC                             | 201.845 |                              |     |
| 21       | 1     | 41x210x96                   | A3565 AM-amplifier BNC                                   | 201.830 |                              |     |
| 10       | 1     | 41x210x96                   | A3551 TV-amplifier BNC                                   | 201.815 |                              |     |
| 11       | 1     | 41x210x96                   | A3552 TV-amplifier BNC                                   | 201.820 |                              |     |
| 9        | 1     | 41x210x96                   | A3550/O TV-amplifier BNC                                 | 201.813 |                              |     |
| 12       | 1     | 41x210x96                   | OF 3581 Output-filter BNC                                | 201.840 |                              |     |
| 13       | 1     | 41x210x96                   | BM 450 S-ch. modulator                                   | 250.145 | Optional                     |     |
| 14       | 1     | 500x300x200                 | CA3050 Cabinet CAS (Replaces KGT 2415)                   | 201.364 |                              |     |
| 25       | 5     |                             | DC connecting cable between units in , CAS 3500          | 201.513 |                              |     |
| 26       | 6     | 135mm length                | Cable BNC, male-male                                     | 201.516 |                              |     |
| 27       | 1     | 370mm length                | Cable BNC, male-male                                     | 201.517 |                              |     |
| 33       | 2     | 250mm length                | Cable BNC, male-male                                     | 201.523 |                              |     |
| 28       | 5     |                             | BNC angle twist on for AFZ 75110 or RG6                  | 201.527 |                              |     |
| 16       | 4     | 75x57x30                    | SP4F 4-way splitter shielded                             | 201.555 |                              |     |
| 18       | 4     | 75x57x30                    | TO4F-12 4-way 12 dB tap off                              | 201.552 |                              |     |
| 19       | 4     | 75x57x30                    | TO4F-17 4-way 17 dB tap off                              | 201.550 |                              |     |
| 15       | 48    |                             | N1, TV/Radio Outlet                                      | 201.503 | State IEC or<br>F-connectors |     |
| 31       | 48    | 77x77x32                    | N mounting frames                                        | 201.501 | Optional                     |     |
| 29       | 48    | 1500mm length               | Cord, IEC for TV or Radio                                | 201.410 |                              |     |
| 30       | ~800m | Max length                  | Coaxial cable AFZ 75110*                                 | 201.594 |                              |     |

\*Can be replaced by similar coax cable as per enclosed specification

## TECHNICAL SPECIFICATIONS

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| <b>Type</b>                             | <b>AF 75110AFZ</b><br>Indoor use |
| <b>Structure</b>                        |                                  |
| Center conductor Ø (mm)                 | 1.1                              |
| Material                                | Cu                               |
| Outer conductors                        | Alu-Foil                         |
| Mantel Ø (mm)                           | 6.8                              |
| Material                                | PVC                              |
| Characteristic impedance                | 75 Ohm ± 3%                      |
| EMC:                                    | EN 50081-1, EN 50082-1           |
| Attenuation:                            | 50 MHz 4.9                       |
|                                         | 100 MHz 6.3                      |
| at 20°C                                 | 200 MHz 8.5                      |
|                                         | 300 MHz 10.8                     |
| dB/100 m                                | 450 MHz 13.0                     |
|                                         | 800 MHz 18.4                     |
|                                         | 1000 MHz 20.6                    |
|                                         | 1350 MHz 23.7                    |
|                                         | 1750 MHz 27.2                    |
| Return loss dB                          |                                  |
|                                         | 25–300 MHz 18 dB                 |
|                                         | 300–600 MHz 15 dB                |
|                                         | 600–960 MHz 13 dB                |
| Screening factor (dB)                   | >75                              |
| Capitance pF/m                          | 67                               |
| Velocity of signal propagation v/c      | 0.66                             |
| <b>Direct-current resistance Ohm/km</b> |                                  |
| Inner conductor                         | 19                               |
| Outer conductor                         | 11                               |
| Minimum bending radius (mm)             | 60                               |
| Weight approx. kg/100 m                 | 5.1 kg                           |
| Shipping                                | 100 m roll                       |
|                                         | 5.5 kg                           |
| Order No                                | 201.594                          |

See also leaflet 9102A

