

**NUMERICAL INDEX — DIVISION 402
ANTENNAS, TRANSMISSION LINES, AND WAVEGUIDE**

1. GENERAL

1.01 This section provides an index of System-issued sections in Division 402.

1.02 A bullet (●) indicates an item that has been added or changed since the previous issue of the index.

1.03 A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.

1.04 A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy BSPs. In some cases, the microfiche BSP will reflect the next higher issue as a result of the reduced distribution interval.

1.05 "Add" is the abbreviation for Addendum, and "Sup" is the abbreviation for Supplement.

2. LAYERS

2.01 This division is arranged in layers as follows:

- 402-0 Indexes and Equipment Test Lists
 - 1 Transmission Lines and Waveguide
 - 3 VHF/UHF Antennas
 - 4 Microwave Antennas

3. INDEX

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402-0 INDEXES AND EQUIPMENT TEST LISTS

● ♠ 402-000-000 44 Numerical Index — Division 402 — Antennas, Transmission Lines, and Waveguide

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402-001-011 5 ETL

402-1 TRANSMISSION LINES AND WAVEGUIDE

402-100 Coaxial Transmission Lines and Connectors

402-100-100 1 Description
402-100-200 1 Installation

402-110) Waveguide

402-120)

402-110 KS-20001 Flanging Kit

402-110-220 1 Field Flanging of Rectangular Waveguide Sections

402-3 VHF/UHF ANTENNAS

402-300 Federal FTR-29C Antenna System

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402-300-500 1 Maintenance

402-302 Base Station Mobile Telephone Service Antennas

402-302-100 2 Description

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402-304-206 1 KS-15510 Whip
402-304-210 1 Method of Terminating Coaxial Cable
402-304-211 1 Removal of Antennas

402-307 RF Filters

402-307-100 2 Description and Applications

402-4 MICROWAVE ANTENNAS

402-400 Return Loss Measurements

402-400-100 1 General Theory
402-400-330 2 Periodic Test Intervals
402-400-501 3 TD-2 System — Using 45A Test Set
402-400-502 1 Return Loss Measurements Through TD-2, TD-3, TD-3A, TD-3D, and TH-3 Transmitter Receiver Bays
402-400-503 1 TH System
402-410-100 1 General — Maintenance

402-420 KS-5759 Delay Lens Antenna

402-420-100 4 Description
402-420-200 4 Installation
402-420-330 4 Periodic Test Intervals
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402-420-501 1 Repair Procedures
402-420-502 1 Replacing Weather Cover and Lens
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402-421 KS-15676 Horn-Reflector and Waveguide System

402-421-100 3 Description
402-421-201 5 Antenna Assembly
402-421-202 5 Antenna Installation
402-421-203 3 Circular Straight Rigid Waveguide and Circular Flexible Waveguide — Installation
402-421-204 3 Systems Combining Network

NOTICE

Not for use or disclosure outside the Bell System except under written agreement

SECTION 402-000-000

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402-421-207	1	Orientation Using 11A Directional Coupler
402-421-208	1	Orientation Using 21A Coupler
402-421-209	1	Use of the AT-8550 Tools
402-421-210	2	Horn-Reflector Orientation Using 33A or 43A Transducer and Waveguide System Alignment
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402-421-220	1	KS-15676 L15 Modification Kits
402-421-221	1	KS-15676, L19, L20, L21, and L22 Modification Kits
402-421-250	1	Substituting Performed Rigid for Circular Flexible Waveguide
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402-421-503	1	Feed Horn, Mounting Base and Frame, and Flexible Waveguide
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402-421-506	3	In-Service Air Leak Detection and Correction
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402-422 KS-21972 Conical Antenna

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402-423 KS-16320 Passive Reflector

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402-423-400	2	Supplementary Drawings
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402-424 KS-19570 Passive Reflector

402-424-100	1	Description
402-424-200	1	Assembly and Installation
402-424-500	1	Maintenance
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402-430) Parabolic Antennas

402-459)

402-430 General Maintenance

402-430-501	2	Resin Erosion
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402-431 KS-5708 List 1 Perforated Parabolic Antenna

402-431-100	1	Description
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402-432 KS-5708 List 2 Non-Perforated Parabolic Antenna

402-432-100	1	Description
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402-433 KS-15970 Parabolic Antenna

402-433-200	1	Assembly and Installation
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402-435 KS-15852 Parabolic Antenna

402-435-200	1	Assembly and Installation
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402-436 KS-15837, KS-15838, and KS-15924 Parabolic Antennas

402-436-200	1	Assembly and Installation
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402-438 KS-19273 Parabolic Antenna Radome

402-438-200	1	Installation
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