

Symbol	Typ	Titel
<b>H</b>	<b>Sektion</b>	<b>SECTION H — ELECTRICITY</b>
<b>H01</b>	<b>Klasse</b>	<b>BASIC ELECTRIC ELEMENTS</b>
<b>H01P</b>	<b>Unterklasse</b>	<b>WAVEGUIDES; RESONATORS, LINES, OR OTHER DEVICES OF THE WAVEGUIDE TYPE ( operating at optical frequencies G02B; aerials H01Q; networks comprising lumped impedance elements H03H)</b>
<b>H01P 1/00</b>	<b>Hauptgruppe</b>	<b>Auxiliary devices (coupling devices of the waveguide type H01P 5/00)</b>
H01P 1/02	1-Punkt Untergruppe	. Bends; Corners; Twists
H01P 1/04	1-Punkt Untergruppe	. Fixed joints (line connectors H01R; cable fittings H02G 15/00)
H01P 1/06	1-Punkt Untergruppe	. Movable joints, e.g. rotating joints
H01P 1/08	1-Punkt Untergruppe	. Dielectric windows (coupling devices for transit-time tubes H01J 23/36)
H01P 1/10	1-Punkt Untergruppe	. for switching or interrupting
H01P 1/11	2-Punkt Untergruppe	. . by ferromagnetic devices [3]
H01P 1/12	2-Punkt Untergruppe	. . by mechanical chopper
H01P 1/14	2-Punkt Untergruppe	. . by electric discharge devices (discharge devices H01J 17/64)
H01P 1/15	2-Punkt Untergruppe	. . by semiconductor devices [2]
H01P 1/16	1-Punkt Untergruppe	. for mode selection, e.g. mode suppression or mode promotion; for mode conversion (linking dissimilar lines or devices H01P 5/08) [3]
H01P 1/161	2-Punkt Untergruppe	. . sustaining two independent orthogonal modes, e.g. orthomode transducer [3]
H01P 1/162	2-Punkt Untergruppe	. . absorbing spurious or unwanted modes of propagation [3]
H01P 1/163	2-Punkt Untergruppe	. . specifically adapted for selection or promotion of the TE <sub>01</sub> circular-electric mode [3]
H01P 1/165	1-Punkt Untergruppe	. for rotating the plane of polarisation [2]
H01P 1/17	2-Punkt Untergruppe	. . for producing a continuously rotating polarisation, e.g. circular polarisation [2]
H01P 1/175	2-Punkt Untergruppe	. . using Faraday rotators [3]
H01P 1/18	1-Punkt Untergruppe	. Phase-shifters (H01P 1/165 takes precedence; coupling devices with variable coupling factor H01P 5/04) [2]
H01P 1/185	2-Punkt Untergruppe	. . using a diode or a gas filled discharge tube [3]
H01P 1/19	2-Punkt Untergruppe	. . using a ferromagnetic device [3]
H01P 1/195	3-Punkt Untergruppe	. . . having a toroidal shape [3]
H01P 1/20	1-Punkt Untergruppe	. Frequency-selective devices, e.g. filters (resonators H01P 7/00)
H01P 1/201	2-Punkt Untergruppe	. . Filters for transverse electromagnetic waves (H01P 1/212, H01P 1/213, H01P 1/215, H01P 1/219 take precedence) [3]
H01P 1/202	3-Punkt Untergruppe	. . . Coaxial filters (cascaded coaxial cavities H01P 1/205) [3]
H01P 1/203	3-Punkt Untergruppe	. . . Strip line filters [3]
H01P 1/205	3-Punkt Untergruppe	. . . Comb or interdigital filters; Cascaded coaxial cavities (H01P 1/203 takes precedence) [3]
H01P 1/207	2-Punkt Untergruppe	. . Hollow waveguide filters (H01P 1/212, H01P 1/213, H01P 1/215, H01P 1/219 take precedence) [3]

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H01P 1/208	3-Punkt Untergruppe	. . . Cascaded cavities; Cascaded resonators inside a hollow waveguide structure (H01P 1/205 takes precedence) [3]
H01P 1/209	3-Punkt Untergruppe	. . . comprising one or more branching arms or cavities wholly outside the main waveguide [3]
H01P 1/211	3-Punkt Untergruppe	. . . Waffle-iron filters; Corrugated structures [3]
H01P 1/212	2-Punkt Untergruppe	. . suppressing or attenuating harmonic frequencies (H01P 1/215 takes precedence) [3]
H01P 1/213	2-Punkt Untergruppe	. . combining or separating two or more different frequencies (H01P 1/215 takes precedence) [3]
H01P 1/215	2-Punkt Untergruppe	. . using ferromagnetic material [3]
H01P 1/217	3-Punkt Untergruppe	. . . the ferromagnetic material acting as a tuning element in resonators [3]
H01P 1/218	3-Punkt Untergruppe	. . . the ferromagnetic material acting as a frequency selective coupling element, e.g. YIG-filters [3]
H01P 1/219	2-Punkt Untergruppe	. . Evanescent mode filters [3]
H01P 1/22	1-Punkt Untergruppe	. Attenuating devices (dissipative terminating devices H01P 1/26)
H01P 1/23	2-Punkt Untergruppe	. . using ferromagnetic material [3]
H01P 1/24	1-Punkt Untergruppe	. Terminating devices
H01P 1/26	2-Punkt Untergruppe	. . Dissipative terminations
H01P 1/28	2-Punkt Untergruppe	. . Short-circuiting plungers (coupling devices with variable coupling factor H01P 5/04)
H01P 1/30	1-Punkt Untergruppe	. for compensation of, or protection against, temperature or moisture effects
H01P 1/32	1-Punkt Untergruppe	. Non-reciprocal transmission devices (H01P 1/02-H01P 1/30 take precedence) [3]
H01P 1/36	2-Punkt Untergruppe	. . Isolators [2, 3]
H01P 1/365	3-Punkt Untergruppe	. . . Resonance absorption isolators [3]
H01P 1/37	3-Punkt Untergruppe	. . . Field displacement isolators [3]
H01P 1/375	3-Punkt Untergruppe	. . . using Faraday rotators [3]
H01P 1/38	2-Punkt Untergruppe	. . Circulators [2, 3]
H01P 1/383	3-Punkt Untergruppe	. . . Junction circulators, e.g. Y-circulators [3]
H01P 1/387	4-Punkt Untergruppe	. . . . Strip line circulators [3]
H01P 1/39	4-Punkt Untergruppe	. . . . Hollow waveguide circulators [3]
H01P 1/393	3-Punkt Untergruppe	. . . using Faraday rotators [3]
H01P 1/397	3-Punkt Untergruppe	. . . using non-reciprocal phase shifters (H01P 1/393 takes precedence) [3]
<b>H01P 3/00</b>	<b>Hauptgruppe</b>	<b>Waveguides; Transmission lines of the waveguide type</b>
H01P 3/02	1-Punkt Untergruppe	. with two longitudinal conductors
H01P 3/04	2-Punkt Untergruppe	. . Lines formed as Lecher wire pairs
H01P 3/06	2-Punkt Untergruppe	. . Coaxial lines (not suitable for handling frequencies considerably beyond the audio range H01B 11/18)
H01P 3/08	2-Punkt Untergruppe	. . Microstrips; Strip lines
H01P 3/10	1-Punkt Untergruppe	. Wire waveguides, i.e. with a single solid longitudinal conductor

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H01P 3/12	1-Punkt Untergruppe	. Hollow waveguides (H01P 3/20 takes precedence)
H01P 3/123	2-Punkt Untergruppe	. . with a complex or stepped cross-section, e.g. ridged or grooved waveguides (H01P 3/14 takes precedence) [3]
H01P 3/127	2-Punkt Untergruppe	. . with a circular, elliptic, or parabolic cross-section [3]
H01P 3/13	2-Punkt Untergruppe	. . specially adapted for transmission of the TE <sub>01</sub> circular-electric mode [2]
H01P 3/14	2-Punkt Untergruppe	. . flexible
H01P 3/16	1-Punkt Untergruppe	. Dielectric waveguides, i.e. without a longitudinal conductor
H01P 3/18	1-Punkt Untergruppe	. built-up from several layers to increase operating surface, i.e. alternately conductive and dielectric layers
H01P 3/20	1-Punkt Untergruppe	. Quasi-optical arrangements for guiding a wave, e.g. focusing by dielectric lenses (quasi-optical devices in general H01Q 15/00)
<b>H01P 5/00</b>	<b>Hauptgruppe</b>	<b>Coupling devices of the waveguide type (non-reciprocal devices H01P 1/32; for introducing or removing wave energy to or from the discharge in transit-time tubes H01J 23/36)</b>
H01P 5/02	1-Punkt Untergruppe	. with invariable factor of coupling (H01P 5/12 takes precedence) [3]
H01P 5/04	1-Punkt Untergruppe	. with variable factor of coupling
H01P 5/08	1-Punkt Untergruppe	. for linking dissimilar lines or devices (H01P 1/16, H01P 5/04 take precedence; linking lines of the same kind but with different dimensions H01P 5/02) [3]
H01P 5/10	2-Punkt Untergruppe	. . for coupling balanced with unbalanced lines or devices
H01P 5/103	3-Punkt Untergruppe	. . . Hollow-waveguide/coaxial-line transitions [3]
H01P 5/107	3-Punkt Untergruppe	. . . Hollow-waveguide/strip-line transitions [3]
H01P 5/12	1-Punkt Untergruppe	. Coupling devices having more than two ports (H01P 5/04 takes precedence) [3]
H01P 5/16	2-Punkt Untergruppe	. . Conjugate devices, i.e. devices having at least one port decoupled from one other port [2]
H01P 5/18	3-Punkt Untergruppe	. . . consisting of two coupled guides, e.g. directional couplers [2]
H01P 5/19	3-Punkt Untergruppe	. . . of the junction type [3]
H01P 5/20	4-Punkt Untergruppe	. . . . Magic-T junctions [2, 3]
H01P 5/22	4-Punkt Untergruppe	. . . . Hybrid ring junctions [2, 3]
<b>H01P 7/00</b>	<b>Hauptgruppe</b>	<b>Resonators of the waveguide type (structurally associated with transit-time tubes and interacting with the discharge therein H01J 23/18; microwave heating devices H05B 6/64)</b>
H01P 7/02	1-Punkt Untergruppe	. Lecher resonators
H01P 7/04	1-Punkt Untergruppe	. Coaxial resonators
H01P 7/06	1-Punkt Untergruppe	. Cavity resonators
H01P 7/08	1-Punkt Untergruppe	. Strip line resonators [3]
H01P 7/10	1-Punkt Untergruppe	. Dielectric resonators [3]
<b>H01P 9/00</b>	<b>Hauptgruppe</b>	<b>Delay lines of the waveguide type (structurally associated with transit-time tubes and interacting with the discharge therein H01J 23/24)</b>
H01P 9/02	1-Punkt Untergruppe	. Helical lines
H01P 9/04	1-Punkt Untergruppe	. Interdigital lines

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<b>H01P 11/00</b>	<b>Hauptgruppe</b>	<b>Apparatus or processes specially adapted for manufacturing waveguides or resonators, lines, or other devices of the waveguide type (manufacture of coaxial cables H01B 13/00)</b>