

Our services

Consulting

Just name your requirements, which satellites you want to receive and if terrestrial signals are to be received.

Design planning

We support you with design planning and create wiring diagrams for you. We analyse the feasibility and create performance calculations of the optical signals.

Detailed planning

We calculate the complete optical budgeting and HF budgeting for you. You get a detailed offer, which is customised to your requirements.

Project support

On demand we put you in contact with skilled service providers, which reliably build-up your project on schedule.

If there is a system failure, we help fastly and without complications.

POLYTRON's optical systems convince with high reliability due to a lot of passive devices and high quality of the products.

Get in touch with us

Ordering
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Fax
+49 (0)7081/170 2-50

Presales service
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POLYTRON is member of



Gesellschaft für Antennen und Kommunikationssysteme e.V.



ISO certified

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Broadband Systems

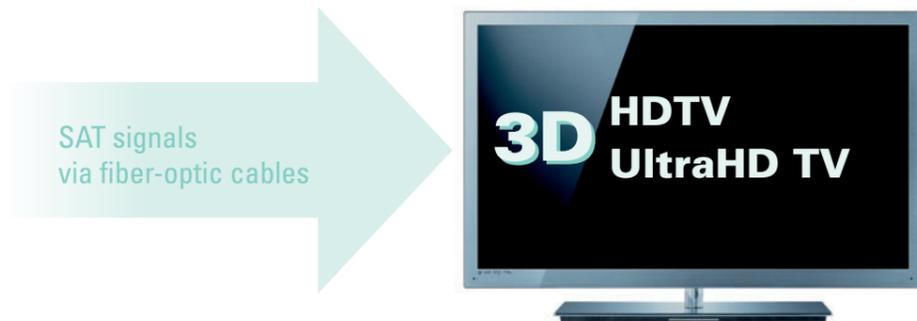
Future-proof fiber-optic networks in residential compounds



Aesthetic fibre-to-the-building solutions for the independent satellite TV reception

Fiber-optic cables = Aesthetics of the estate + future-proof SAT reception

The use of fiber-optic cables for the distribution of satellite signals in residential compounds offers the perfect combination of aesthetics and reliable satellite reception.



The installation of satellite dishes at only one discreet site, significantly contributes to the optical appearance of the housing estate.

The satellite signals are transmitted via fiber-optic cables. The low attenuation of this technology maintains signal quality over longer distances. The signal is unaffected by electrical or electromagnetic interference fields. The subscribers in the individual units are independent from each other.



The principle

The principle of satellite distribution via POLYTRON's optical system is very simple: the optical LNB converts the received SAT signals into optical signals right at the satellite dish. The distribution is performed via pre-assembled fiber-optic cables. The optical signals can be split and distributed over long distances. The final converters convert the light signals back to the original satellite signals.

A neat and fast, uncomplicated installation is guaranteed by the use of prefabricated reception devices in the residential units.

The well conceived design of the signal distribution system guarantees a free, independent solution for each residential unit.

POLYTRON's system

