CLAIMS

1. A transition for electromagnetic shielding of an optical fibre cable (11) going through a partition, the transition comprising:

a shield pipe (1, 4) of an electrically conductive material and configured to receive the optical fibre cable (11); and

a compressible holding means having a sealing function for placing in an opening of the partition or in a frame or sleeve fastened in the opening, wherein

the shield pipe (1, 4) or an end thereof is received in an axial through opening (6, 21) of the holding means, and wherein

the holding means comprises means having a shielding function against electromagnetic disturbances.

2. The transition of claim 1, further comprising an intumescent material (3) that is received inside the shield pipe (1, 4) or at the end of the shield pipe (1, 4) received in the holding means.

3. The transition of claim 2, wherein the intumescent material (3) is in the form of a ring.

4. The transition of claim 2, wherein the intumescent material (3) is applied as a coating.

5. The transition of any of the previous claims, wherein one end of the shield pipe (1, 4) is placed in the axial through opening (6, 21) of the holding means and wherein said one end of the shield pipe (1, 4) is placed at a distance from an end of the holding means.

6. The transition of any of the previous claims, wherein the shielding function is given in that the holding means is made of an electrically conductive rubber material.

7. The transition of any of claims 1 to 5, wherein the shielding function is given by an electrically conductive coating on the surface of the holding means.

8. The transition of any of claims 1 to 5, wherein the shielding function is given by means of a shield (9, 24) of electrically conductive rubber material placed transversely in the axial through opening (6,21) of the holding means and going to an outside of the holding means.

9. The transition of any of the previous claims, further comprising a conductive tape (10, 23) that is provided for contact with an outside of the shield pipe (1, 4) inside the axial through opening (6, 21) of the holding means, wherein the conductive tape (10, 23) goes transversally round the outside of the holding means.

10. The transition of any of the previous claims, wherein the holding means is formed of two parts, whereby the axial through opening is formed of semi-cylindrical recesses (7, 25) of the two parts of the holding means.

11. The transition of claim 5, wherein the one end of the shield pipe (1, 4) received inside the holding means is flared to give an axial retention force.

12. The transition of claim 5, wherein the one end of the shield pipe (1, 4) received inside the holding means has knurls or a coating to give an axial retention force.

13. The transition of any of the previous claims, further comprising the frame (12), stayplates (13), a compression unit (14) and a plurality of the holding means (5, 26) with shield pipe (1,4) received therein in form of modules, wherein said modules (5, 26) are placed inside the frame (12) together with the stay plates (13) and the compression unit (14).

14. The transition of any of the claims 1-13, wherein the holding means is a cylindrical seal (16), comprising a compressible body (17), first fittings (18) and second fittings (19).

15. The transition of any of the previous claims, wherein the holding means comprises sections of peelable layers (8, 22) placed in the axial through opening (6, 21).